

Symbol	Typ	Titel
H	Sektion	ELECTRICITY
H04	Klasse	ELECTRIC COMMUNICATION TECHNIQUE
H04W	Unterklasse	WIRELESS COMMUNICATION NETWORKS [2009.01]
H04W 4/00	Hauptgruppe	Services or facilities specially adapted for wireless communication networks [2009.01]
H04W 4/02	1-Punkt Untergruppe	. Services making use of the location of users or terminals [2009.01]
H04W 4/04	2-Punkt Untergruppe	. . in a dedicated environment, e.g. buildings or vehicles [2009.01]
H04W 4/06	1-Punkt Untergruppe	. Selective distribution of broadcast; Services to user groups; One-way selective calling services [2009.01]
H04W 4/08	2-Punkt Untergruppe	. . User group management [2009.01]
H04W 4/10	2-Punkt Untergruppe	. . Push-to-Talk or Push-on-Call services [2009.01]
H04W 4/12	1-Punkt Untergruppe	. Messaging, e.g. SMS [Short Messaging Service]; Mailboxes; Announcements, e.g. informing users on the status or progress of a communication request [2009.01]
H04W 4/14	2-Punkt Untergruppe	. . Short messaging services, e.g. SMS or USSD [Unstructured Supplementary Service Data] [2009.01]
H04W 4/16	1-Punkt Untergruppe	. Communication-related supplementary services, e.g. call-transfer or call-hold [2009.01]
H04W 4/18	1-Punkt Untergruppe	. Information format or content conversion, e.g. adaptation by the network of the transmitted or received information for the purpose of wireless delivery to users or terminals [2009.01]
H04W 4/20	1-Punkt Untergruppe	. Auxiliary data signalling, i.e. transmitting data via a non-traffic channel [2009.01]
H04W 4/22	1-Punkt Untergruppe	. Emergency connection handling [2009.01]
H04W 4/24	1-Punkt Untergruppe	. Accounting or billing [2009.01]
H04W 4/26	2-Punkt Untergruppe	. . Usage measurement [2009.01]
H04W 8/00	Hauptgruppe	Network data management [2009.01]
H04W 8/02	1-Punkt Untergruppe	. Processing of mobility data, e.g. registration information at HLR [Home Location Register] or VLR [Visitor Location Register]; Transfer of mobility data, e.g. between HLR, VLR or external networks [2009.01]
H04W 8/04	2-Punkt Untergruppe	. . Registration at HLR or HSS [Home Subscriber Server] [2009.01]
H04W 8/06	2-Punkt Untergruppe	. . Registration at serving network Location Register, VLR or user mobility server [2009.01]
H04W 8/08	2-Punkt Untergruppe	. . Mobility data transfer [2009.01]
H04W 8/10	3-Punkt Untergruppe	. . . between location register and external networks [2009.01]
H04W 8/12	3-Punkt Untergruppe	. . . between location registers or mobility servers [2009.01]
H04W 8/14	3-Punkt Untergruppe	. . . between corresponding nodes [2009.01]
H04W 8/16	3-Punkt Untergruppe	. . . selectively restricting mobility tracking [2009.01]
H04W 8/18	1-Punkt Untergruppe	. Processing of user or subscriber data, e.g. subscribed services, user preferences or user profiles; Transfer of user or subscriber data [2009.01]
H04W 8/20	2-Punkt Untergruppe	. . Transfer of user or subscriber data [2009.01]
H04W 8/22	1-Punkt Untergruppe	. Processing or transfer of terminal data, e.g. status or physical capabilities [2009.01]
H04W 8/24	2-Punkt Untergruppe	. . Transfer of terminal data [2009.01]

Symbol	Typ	Titel
H04W 8/26	1-Punkt Untergruppe	. Network addressing or numbering for mobility support [2009.01]
H04W 8/28	2-Punkt Untergruppe	. . Number portability [2009.01]
H04W 8/30	1-Punkt Untergruppe	. Network data restoration [2009.01]
H04W 12/00	Hauptgruppe	Security arrangements, e.g. access security or fraud detection; Authentication, e.g. verifying user identity or authorisation; Protecting privacy or anonymity [2009.01]
H04W 12/02	1-Punkt Untergruppe	. Protecting privacy or anonymity [2009.01]
H04W 12/04	1-Punkt Untergruppe	. Key management [2009.01]
H04W 12/06	1-Punkt Untergruppe	. Authentication [2009.01]
H04W 12/08	1-Punkt Untergruppe	. Access security [2009.01]
H04W 12/10	1-Punkt Untergruppe	. Integrity [2009.01]
H04W 12/12	1-Punkt Untergruppe	. Fraud detection [2009.01]
H04W 16/00	Hauptgruppe	Network planning, e.g. coverage or traffic planning tools; Network deployment, e.g. resource partitioning or cell structures [2009.01]
H04W 16/02	1-Punkt Untergruppe	. Resource partitioning among network components, e.g. reuse partitioning [2009.01]
H04W 16/04	2-Punkt Untergruppe	. . Traffic adaptive resource partitioning [2009.01]
H04W 16/06	2-Punkt Untergruppe	. . Hybrid resource partitioning, e.g. channel borrowing [2009.01]
H04W 16/08	3-Punkt Untergruppe	. . . Load shedding arrangements [2009.01]
H04W 16/10	2-Punkt Untergruppe	. . Dynamic resource partitioning [2009.01]
H04W 16/12	2-Punkt Untergruppe	. . Fixed resource partitioning [2009.01]
H04W 16/14	1-Punkt Untergruppe	. Spectrum sharing arrangements [2009.01]
H04W 16/16	2-Punkt Untergruppe	. . for PBS [Private Base Station] arrangements [2009.01]
H04W 16/18	1-Punkt Untergruppe	. Network planning tools [2009.01]
H04W 16/20	2-Punkt Untergruppe	. . for indoor coverage or short range network deployment [2009.01]
H04W 16/22	1-Punkt Untergruppe	. Traffic simulation tools or models [2009.01]
H04W 16/24	1-Punkt Untergruppe	. Cell structures [2009.01]
H04W 16/26	2-Punkt Untergruppe	. . Cell enhancers, e.g. for tunnels or building shadow [2009.01]
H04W 16/28	2-Punkt Untergruppe	. . using beam steering [2009.01]
H04W 16/30	2-Punkt Untergruppe	. . Special cell shapes, e.g. doughnuts or ring cells [2009.01]
H04W 16/32	2-Punkt Untergruppe	. . Hierarchical cell structures [2009.01]
H04W 24/00	Hauptgruppe	Supervisory, monitoring or testing arrangements [2009.01]
H04W 24/02	1-Punkt Untergruppe	. Arrangements for optimising operational condition [2009.01]
H04W 24/04	1-Punkt Untergruppe	. Arrangements for maintaining operational condition [2009.01]
H04W 24/06	1-Punkt Untergruppe	. Testing using simulated traffic [2009.01]
H04W 24/08	1-Punkt Untergruppe	. Testing using real traffic [2009.01]

Symbol	Typ	Titel
H04W 24/10	1-Punkt Untergruppe	. Scheduling measurement reports [2009.01]
H04W 28/00	Hauptgruppe	Network traffic or resource management [2009.01]
H04W 28/02	1-Punkt Untergruppe	. Traffic management, e.g. flow control or congestion control [2009.01]
H04W 28/04	2-Punkt Untergruppe	. . Error control [2009.01]
H04W 28/06	2-Punkt Untergruppe	. . Optimising, e.g. header compression, information sizing [2009.01]
H04W 28/08	2-Punkt Untergruppe	. . Load balancing or load distribution [2009.01]
H04W 28/10	2-Punkt Untergruppe	. . Flow control [2009.01]
H04W 28/12	3-Punkt Untergruppe	. . . using signalling between network elements [2009.01]
H04W 28/14	3-Punkt Untergruppe	. . . using intermediate storage [2009.01]
H04W 28/16	1-Punkt Untergruppe	. Central resource management; Negotiation of resources, e.g. negotiating bandwidth or QoS [Quality of Service] [2009.01]
H04W 28/18	2-Punkt Untergruppe	. . Negotiating wireless communication parameters [2009.01]
H04W 28/20	3-Punkt Untergruppe	. . . Negotiating bandwidth [2009.01]
H04W 28/22	3-Punkt Untergruppe	. . . Negotiating communication rate [2009.01]
H04W 28/24	2-Punkt Untergruppe	. . Negotiating SLA [Service Level Agreement]; Negotiating QoS [Quality of Service] [2009.01]
H04W 28/26	2-Punkt Untergruppe	. . Resource reservation [2009.01]
H04W 36/00	Hauptgruppe	Handoff or reselecting arrangements [2009.01]
H04W 36/02	1-Punkt Untergruppe	. Buffering or recovering information during reselection [2009.01]
H04W 36/04	1-Punkt Untergruppe	. Reselecting a cell layer in multi-layered cells [2009.01]
H04W 36/06	1-Punkt Untergruppe	. Reselecting a communication resource in the serving access point [2009.01]
H04W 36/08	1-Punkt Untergruppe	. Reselecting an access point [2009.01]
H04W 36/10	1-Punkt Untergruppe	. Reselecting an access point controller [2009.01]
H04W 36/12	1-Punkt Untergruppe	. Reselecting a serving backbone network switching or routing node [2009.01]
H04W 36/14	1-Punkt Untergruppe	. Reselecting a network or an air interface [2009.01]
H04W 36/16	1-Punkt Untergruppe	. Performing reselection for specific purposes [2009.01]
H04W 36/18	2-Punkt Untergruppe	. . for allowing seamless reselection, e.g. soft reselection [2009.01]
H04W 36/20	2-Punkt Untergruppe	. . for optimising the interference level [2009.01]
H04W 36/22	2-Punkt Untergruppe	. . for handling the traffic [2009.01]
H04W 36/24	1-Punkt Untergruppe	. Reselection being triggered by specific parameters [2009.01]
H04W 36/26	2-Punkt Untergruppe	. . by agreed or negotiated communication parameters [2009.01]
H04W 36/28	3-Punkt Untergruppe	. . . involving a plurality of connections, e.g. multi-call or multi-bearer connections [2009.01]
H04W 36/30	2-Punkt Untergruppe	. . by measured or perceived connection quality data [2009.01]
H04W 36/32	2-Punkt Untergruppe	. . by location or mobility data, e.g. speed data [2009.01]

Symbol	Typ	Titel
H04W 36/34	1-Punkt Untergruppe	. Reselection control [2009.01]
H04W 36/36	2-Punkt Untergruppe	. . by user or terminal equipment [2009.01]
H04W 36/38	2-Punkt Untergruppe	. . by fixed network equipment [2009.01]
H04W 40/00	Hauptgruppe	Communication routing or communication path finding [2009.01]
H04W 40/02	1-Punkt Untergruppe	. Communication route or path selection, e.g. power-based or shortest path routing [2009.01]
H04W 40/04	2-Punkt Untergruppe	. . based on wireless node resources [2009.01]
H04W 40/06	3-Punkt Untergruppe	. . . based on characteristics of available antennas [2009.01]
H04W 40/08	3-Punkt Untergruppe	. . . based on transmission power [2009.01]
H04W 40/10	3-Punkt Untergruppe	. . . based on available power or energy [2009.01]
H04W 40/12	2-Punkt Untergruppe	. . based on transmission quality or channel quality [2009.01]
H04W 40/14	3-Punkt Untergruppe	. . . based on stability [2009.01]
H04W 40/16	3-Punkt Untergruppe	. . . based on interference [2009.01]
H04W 40/18	2-Punkt Untergruppe	. . based on predicted events [2009.01]
H04W 40/20	2-Punkt Untergruppe	. . based on geographic position or location [2009.01]
H04W 40/22	2-Punkt Untergruppe	. . using selective relaying for reaching a BTS [Base Transceiver Station] or an access point [2009.01]
H04W 40/24	1-Punkt Untergruppe	. Connectivity information management, e.g. connectivity discovery or connectivity update [2009.01]
H04W 40/26	2-Punkt Untergruppe	. . for hybrid routing by combining proactive and reactive routing [2009.01]
H04W 40/28	2-Punkt Untergruppe	. . for reactive routing [2009.01]
H04W 40/30	2-Punkt Untergruppe	. . for proactive routing [2009.01]
H04W 40/32	2-Punkt Untergruppe	. . for defining a routing cluster membership [2009.01]
H04W 40/34	1-Punkt Untergruppe	. Modification of an existing route [2009.01]
H04W 40/36	2-Punkt Untergruppe	. . due to handover [2009.01]
H04W 40/38	2-Punkt Untergruppe	. . adapting due to varying relative distances between nodes [2009.01]
H04W 48/00	Hauptgruppe	Access restriction; Network selection; Access point selection [2009.01]
H04W 48/02	1-Punkt Untergruppe	. Access restriction performed under specific conditions [2009.01]
H04W 48/04	2-Punkt Untergruppe	. . based on user or terminal location or mobility data, e.g. moving direction or speed [2009.01]
H04W 48/06	2-Punkt Untergruppe	. . based on traffic conditions [2009.01]
H04W 48/08	1-Punkt Untergruppe	. Access restriction or access information delivery, e.g. discovery data delivery [2009.01]
H04W 48/10	2-Punkt Untergruppe	. . using broadcasted information [2009.01]
H04W 48/12	2-Punkt Untergruppe	. . using downlink control channel [2009.01]
H04W 48/14	2-Punkt Untergruppe	. . using user query [2009.01]
H04W 48/16	1-Punkt Untergruppe	. Discovering; Processing access restriction or access information [2009.01]
H04W 48/18	1-Punkt Untergruppe	. Selecting a network or a communication service [2009.01]

Symbol	Typ	Titel
H04W 48/20	1-Punkt Untergruppe	. Selecting an access point [2009.01]
H04W 52/00	Hauptgruppe	Power management, e.g. TPC [Transmission Power Control], power saving or power classes [2009.01]
H04W 52/02	1-Punkt Untergruppe	. Power saving arrangements [2009.01]
H04W 52/04	1-Punkt Untergruppe	. TPC [Transmission power control] [2009.01]
H04W 52/06	2-Punkt Untergruppe	. . TPC algorithms [2009.01]
H04W 52/08	3-Punkt Untergruppe	. . . Closed loop power control [2009.01]
H04W 52/10	3-Punkt Untergruppe	. . . Open loop power control [2009.01]
H04W 52/12	3-Punkt Untergruppe	. . . Outer and inner loops [2009.01]
H04W 52/14	3-Punkt Untergruppe	. . . Separate analysis of uplink or downlink [2009.01]
H04W 52/16	3-Punkt Untergruppe	. . . Deriving transmission power values from another channel [2009.01]
H04W 52/18	2-Punkt Untergruppe	. . TPC being performed according to specific parameters [2009.01]
H04W 52/20	3-Punkt Untergruppe	. . . using error rate [2009.01]
H04W 52/22	3-Punkt Untergruppe	. . . taking into account previous information or commands [2009.01]
H04W 52/24	3-Punkt Untergruppe	. . . using SIR [Signal to Interference Ratio] or other wireless path parameters [2009.01]
H04W 52/26	3-Punkt Untergruppe	. . . using transmission rate or quality of service QoS [Quality of Service] [2009.01]
H04W 52/28	3-Punkt Untergruppe	. . . using user profile, e.g. mobile speed, priority or network state, e.g. standby, idle or non-transmission [2009.01]
H04W 52/30	2-Punkt Untergruppe	. . using constraints in the total amount of available transmission power [2009.01]
H04W 52/32	3-Punkt Untergruppe	. . . TPC of broadcast or control channels [2009.01]
H04W 52/34	3-Punkt Untergruppe	. . . TPC management, i.e. sharing limited amount of power among users or channels or data types, e.g. cell loading [2009.01]
H04W 52/36	3-Punkt Untergruppe	. . . with a discrete range or set of values, e.g. step size, ramping or offsets [2009.01]
H04W 52/38	2-Punkt Untergruppe	. . TPC being performed in particular situations [2009.01]
H04W 52/40	3-Punkt Untergruppe	. . . during macro-diversity or soft handoff [2009.01]
H04W 52/42	3-Punkt Untergruppe	. . . in systems with time, space, frequency or polarisation diversity [2009.01]
H04W 52/44	3-Punkt Untergruppe	. . . in connection with interruption of transmission [2009.01]
H04W 52/46	3-Punkt Untergruppe	. . . in multi-hop networks, e.g. wireless relay networks [2009.01]
H04W 52/48	3-Punkt Untergruppe	. . . during retransmission after error or non-acknowledgment [2009.01]
H04W 52/50	3-Punkt Untergruppe	. . . at the moment of starting communication in a multiple access environment [2009.01]
H04W 52/52	2-Punkt Untergruppe	. . using AGC [Automatic Gain Control] circuits or amplifiers [2009.01]
H04W 52/54	2-Punkt Untergruppe	. . Signalisation aspects of the TPC commands, e.g. frame structure [2009.01]
H04W 52/56	3-Punkt Untergruppe	. . . Detection of errors of TPC bits [2009.01]
H04W 52/58	3-Punkt Untergruppe	. . . Format of the TPC bits [2009.01]

Symbol	Typ	Titel
H04W 52/60	3-Punkt Untergruppe	. . . using different transmission rates for TPC commands [2009.01]
H04W 56/00	Hauptgruppe	Synchronisation arrangements [2009.01]
H04W 60/00	Hauptgruppe	Registration, e.g. affiliation to network; De-registration, e.g. terminating affiliation [2009.01]
H04W 60/02	1-Punkt Untergruppe	. by periodical registration [2009.01]
H04W 60/04	1-Punkt Untergruppe	. using triggered events [2009.01]
H04W 60/06	1-Punkt Untergruppe	. De-registration or detaching [2009.01]
H04W 64/00	Hauptgruppe	Locating users or terminals for network management purposes, e.g. mobility management [2009.01]
H04W 68/00	Hauptgruppe	Notification of users, e.g. alerting for incoming communication or change of service [2009.01]
H04W 68/02	1-Punkt Untergruppe	. Arrangements for increasing efficiency of notification or paging channel [2009.01]
H04W 68/04	1-Punkt Untergruppe	. multi-step notification using statistical or historical mobility data [2009.01]
H04W 68/06	1-Punkt Untergruppe	. using multi-step notification by changing the notification area [2009.01]
H04W 68/08	1-Punkt Untergruppe	. using multi-step notification by increasing the notification area [2009.01]
H04W 68/10	1-Punkt Untergruppe	. using simulcast notification [2009.01]
H04W 68/12	1-Punkt Untergruppe	. Inter-network notification [2009.01]
H04W 72/00	Hauptgruppe	Local resource management, e.g. selection or allocation of wireless resources or wireless traffic scheduling [2009.01]
H04W 72/02	1-Punkt Untergruppe	. Selection of wireless resources by user or terminal [2009.01]
H04W 72/04	1-Punkt Untergruppe	. Wireless resource allocation [2009.01]
H04W 72/06	2-Punkt Untergruppe	. . based on ranking criteria of the wireless resources [2009.01]
H04W 72/08	2-Punkt Untergruppe	. . based on quality criteria [2009.01]
H04W 72/10	2-Punkt Untergruppe	. . based on priority criteria [2009.01]
H04W 72/12	1-Punkt Untergruppe	. Wireless traffic scheduling [2009.01]
H04W 72/14	2-Punkt Untergruppe	. . using a grant channel [2009.01]
H04W 74/00	Hauptgruppe	Wireless channel access, e.g. scheduled or random access [2009.01]
H04W 74/02	1-Punkt Untergruppe	. Hybrid access techniques [2009.01]
H04W 74/04	1-Punkt Untergruppe	. Scheduled access [2009.01]
H04W 74/06	2-Punkt Untergruppe	. . using polling [2009.01]
H04W 74/08	1-Punkt Untergruppe	. Non-scheduled access, e.g. random access, ALOHA or CSMA [Carrier Sense Multiple Access] [2009.01]
H04W 76/00	Hauptgruppe	Connection management, e.g. connection set-up, manipulation or release [2009.01]
H04W 76/02	1-Punkt Untergruppe	. Connection set-up [2009.01]
H04W 76/04	1-Punkt Untergruppe	. Connection manipulation [2009.01]
H04W 76/06	1-Punkt Untergruppe	. Connection release [2009.01]
H04W 80/00	Hauptgruppe	Wireless network protocols or protocol adaptations to wireless operation, e.g. WAP [Wireless Application Protocol] [2009.01]
H04W 80/02	1-Punkt Untergruppe	. Data link layer protocols [2009.01]

Symbol	Type	Titel
H04W 80/04	1-Punkt Untergruppe	. Network layer protocols, e.g. mobile IP [Internet Protocol] [2009.01]
H04W 80/06	1-Punkt Untergruppe	. Transport layer protocols, e.g. TCP [Transport Control Protocol] over wireless [2009.01]
H04W 80/08	1-Punkt Untergruppe	. Upper layer protocols [2009.01]
H04W 80/10	2-Punkt Untergruppe	. . adapted for session management, e.g. SIP [Session Initiation Protocol] [2009.01]
H04W 80/12	2-Punkt Untergruppe	. . Application layer protocols, e.g. WAP [2009.01]
H04W 84/00	Hauptgruppe	Network topologies [2009.01]
H04W 84/02	1-Punkt Untergruppe	. Hierarchically pre-organised networks, e.g. paging networks, cellular networks, WLAN [Wireless Local Area Network] or WLL [Wireless Local Loop] [2009.01]
H04W 84/04	2-Punkt Untergruppe	. . Large scale networks; Deep hierarchical networks [2009.01]
H04W 84/06	3-Punkt Untergruppe	. . . Airborne or Satellite Networks [2009.01]
H04W 84/08	3-Punkt Untergruppe	. . . Trunked mobile radio systems [2009.01]
H04W 84/10	2-Punkt Untergruppe	. . Small scale networks; Flat hierarchical networks [2009.01]
H04W 84/12	3-Punkt Untergruppe	. . . WLAN [Wireless Local Area Networks] [2009.01]
H04W 84/14	3-Punkt Untergruppe	. . . WLL [Wireless Local Loop]; RLL [Radio Local Loop] [2009.01]
H04W 84/16	3-Punkt Untergruppe	. . . WPBX [Wireless Private Branch Exchange] [2009.01]
H04W 84/18	1-Punkt Untergruppe	. Self-organising networks, e.g. <u>ad hoc</u> networks or sensor networks [2009.01]
H04W 84/20	2-Punkt Untergruppe	. . Master-slave arrangements [2009.01]
H04W 84/22	2-Punkt Untergruppe	. . with access to wired networks [2009.01]
H04W 88/00	Hauptgruppe	Devices specially adapted for wireless communication networks, e.g. terminals, base stations or access point devices [2009.01]
H04W 88/02	1-Punkt Untergruppe	. Terminal devices [2009.01]
H04W 88/04	2-Punkt Untergruppe	. . adapted for relaying to or from another terminal or user [2009.01]
H04W 88/06	2-Punkt Untergruppe	. . adapted for operation in multiple networks, e.g. multi-mode terminals [2009.01]
H04W 88/08	1-Punkt Untergruppe	. Access point devices [2009.01]
H04W 88/10	2-Punkt Untergruppe	. . adapted for operation in multiple networks, e.g. multi-mode access points [2009.01]
H04W 88/12	1-Punkt Untergruppe	. Access point controller devices [2009.01]
H04W 88/14	1-Punkt Untergruppe	. Backbone network devices [2009.01]
H04W 88/16	1-Punkt Untergruppe	. Gateway arrangements [2009.01]
H04W 88/18	1-Punkt Untergruppe	. Service support; Network management devices [2009.01]
H04W 92/00	Hauptgruppe	Interfaces specially adapted for wireless communication networks [2009.01]
H04W 92/02	1-Punkt Untergruppe	. Inter-networking arrangements [2009.01]
H04W 92/04	1-Punkt Untergruppe	. Interfaces between hierarchically different network devices [2009.01]
H04W 92/06	2-Punkt Untergruppe	. . between gateways and public network devices [2009.01]
H04W 92/08	2-Punkt Untergruppe	. . between user and terminal device [2009.01]

Symbol	Typ	Titel
H04W 92/10	2-Punkt Untergruppe	. . between terminal device and access point, i.e. wireless air interface [2009.01]
H04W 92/12	2-Punkt Untergruppe	. . between access points and access point controllers [2009.01]
H04W 92/14	2-Punkt Untergruppe	. . between access point controllers and backbone network device [2009.01]
H04W 92/16	1-Punkt Untergruppe	. Interfaces between hierarchically similar devices [2009.01]
H04W 92/18	2-Punkt Untergruppe	. . between terminal devices [2009.01]
H04W 92/20	2-Punkt Untergruppe	. . between access points [2009.01]
H04W 92/22	2-Punkt Untergruppe	. . between access point controllers [2009.01]
H04W 92/24	2-Punkt Untergruppe	. . between backbone network devices [2009.01]
H04W 99/00	Hauptgruppe	Subject matter not provided for in other groups of this subclass [2009.01]