Symbol	Typ	Titel
D	**Sektion**	**SECTION D — TEXTILES; PAPER**
D21	**Untersektion**	**PAPER**
D21	**Klasse**	**PAPER-MAKING; PRODUCTION OF CELLULOSE**
D21D	**Unterklasse**	**TREATMENT OF THE MATERIALS BEFORE PASSING TO THE PAPER-MAKING MACHINE [5]**
D21D 1/00	**Hauptgruppe**	**Methods of beating or refining; Beaters of the Hollander type (knotter screens D21F)**
D21D 1/02	1-Punkt Untergruppe	. Methods of beating; Beaters of the Hollander type
D21D 1/04	2-Punkt Untergruppe	. . Beater rolls or bars
D21D 1/06	2-Punkt Untergruppe	. . Bed plates
D21D 1/08	2-Punkt Untergruppe	. . Beaters with means for driving the pulp quickly
D21D 1/10	2-Punkt Untergruppe	. . Beaters with means for regulating the pressure between the beater roll and the bed plate
D21D 1/12	2-Punkt Untergruppe	. . Beaters with means for continuous pulp discharge
D21D 1/14	2-Punkt Untergruppe	. . Beaters with one beater roll and with vertical stuff circulation canal
D21D 1/16	2-Punkt Untergruppe	. . Beaters with means for returning the pulp over the head of the beater roll
D21D 1/18	2-Punkt Untergruppe	. . Beaters with two or more beater rolls
D21D 1/20	1-Punkt Untergruppe	. Methods of refining
D21D 1/22	2-Punkt Untergruppe	. . Jordans
D21D 1/24	3-Punkt Untergruppe	. . . Jordan rolls
D21D 1/26	3-Punkt Untergruppe	. . . Jordan bed plates
D21D 1/28	2-Punkt Untergruppe	. . Ball or rod mills
D21D 1/30	2-Punkt Untergruppe	. . Disc mills
D21D 1/32	2-Punkt Untergruppe	. . Hammer mills
D21D 1/34	2-Punkt Untergruppe	. . Other mills or refiners
D21D 1/36	3-Punkt Untergruppe	. . . with vertical shaft
D21D 1/38	3-Punkt Untergruppe	. . . with horizontal shaft
D21D 1/40	2-Punkt Untergruppe	. . Washing the fibres
D21D 5/00	**Hauptgruppe**	**Purification of the pulp suspension by mechanical means; Apparatus therefor (centrifuges, cyclones B04)**
D21D 5/02	1-Punkt Untergruppe	. Straining or screening the pulp
D21D 5/04	2-Punkt Untergruppe	. . Flat screens
D21D 5/06	2-Punkt Untergruppe	. . Rotary screen-drums
D21D 5/08	3-Punkt Untergruppe	. . . combined with a rocking movement
D21D 5/10	4-Punkt Untergruppe	. . . . of the tank
D21D 5/12	4-Punkt Untergruppe	. . . . of the screen

Symbol	Typ	Titel
D21D 5/14	4-Punkt Untergruppe	. . . . of the tank and the screen
D21D 5/16	2-Punkt Untergruppe	. . Cylinders and plates for screens
D21D 5/18	1-Punkt Untergruppe	. with the aid of centrifugal force
D21D 5/20	2-Punkt Untergruppe	. . in apparatus with a horizontal axis
D21D 5/22	2-Punkt Untergruppe	. . in apparatus with a vertical axis
D21D 5/24	2-Punkt Untergruppe	. . in cyclones
D21D 5/26	1-Punkt Untergruppe	. De-aeration of paper stock
D21D 5/28	1-Punkt Untergruppe	. Tanks for storing or agitating pulp
D21D 99/00	***Hauptgruppe***	***Subject matter not provided for in other groups of this subclass [2006.01]***