Symbol	Typ	Titel
B	**Sektion**	**SECTION B — PERFORMING OPERATIONS; TRANSPORTING**
B03	**Klasse**	**SEPARATION OF SOLID MATERIALS USING LIQUIDS OR USING PNEUMATIC TABLES OR JIGS; MAGNETIC OR ELECTROSTATIC SEPARATION OF SOLID MATERIALS FROM SOLID MATERIALS OR FLUIDS; SEPARATION BY HIGH-VOLTAGE ELECTRIC FIELDS (separating isotopes B01D 59/00; crushing or disintegrating B02C; centrifuges or vortex apparatus for carrying out physical processes B04) [5]**
B03D	**Unterklasse**	**FLOTATION; DIFFERENTIAL SEDIMENTATION (sedimentation in general B01D 21/00; in combination with other separation of solids B03B; sink-float separation B03B 5/28; detergents, soaps C11D)**
B03D 1/00	**Hauptgruppe**	**Flotation (conditioning for flotation, general arrangement of plant B03B)**
B03D 1/001	1-Punkt Untergruppe	. Flotation agents (conditioners B03B 1/00) [5]
B03D 1/002	2-Punkt Untergruppe	. . Inorganic compounds [5]
B03D 1/004	2-Punkt Untergruppe	. . Organic compounds [5]
B03D 1/006	3-Punkt Untergruppe	. . . Hydrocarbons [5]
B03D 1/008	3-Punkt Untergruppe	. . . containing oxygen [5]
B03D 1/01	3-Punkt Untergruppe	. . . containing nitrogen [5]
B03D 1/012	3-Punkt Untergruppe	. . . containing sulfur [5]
B03D 1/014	3-Punkt Untergruppe	. . . containing phosphorus [5]
B03D 1/016	3-Punkt Untergruppe	. . . Macromolecular compounds [5]
B03D 1/018	2-Punkt Untergruppe	. . Mixtures of inorganic and organic compounds [5]
B03D 1/02	1-Punkt Untergruppe	. Froth-flotation processes
B03D 1/04	2-Punkt Untergruppe	. . by varying ambient atmospheric pressure
B03D 1/06	2-Punkt Untergruppe	. . differential
B03D 1/08	1-Punkt Untergruppe	. Subsequent treatment of concentrated product (froth dispersion B01D 19/02)
B03D 1/10	2-Punkt Untergruppe	. . Removing adhering liquid from separated materials (processes or devices capable of general use B01D)
B03D 1/12	1-Punkt Untergruppe	. Agent recovery
B03D 1/14	1-Punkt Untergruppe	. Flotation machines (devices for feeding measured quantities of reagents B01J 4/02; flotation apparatus for enzymology or microbiology C12M 1/09)
B03D 1/16	2-Punkt Untergruppe	. . with impellers; Subaeration machines
B03D 1/18	3-Punkt Untergruppe	. . . without air supply
B03D 1/20	3-Punkt Untergruppe	. . . with internal air pumps
B03D 1/22	3-Punkt Untergruppe	. . . with external blowers
B03D 1/24	2-Punkt Untergruppe	. . pneumatic
B03D 1/26	3-Punkt Untergruppe	. . . Air lift machines
B03D 3/00	**Hauptgruppe**	**Differential sedimentation**

Symbol	Typ	Titel
B03D 3/02	1-Punkt Untergruppe	. Coagulation
B03D 3/04	2-Punkt Untergruppe	. . assisted by vibrations
B03D 3/06	1-Punkt Untergruppe	. Flocculation
		Indexing scheme associated with group B03D 1/001, relating to the effects produced and the materials treated. [5]
B03D 101/00	**Hauptgruppe**	**Specified effects produced by the flotation agents [5]**
B03D 101/02	1-Punkt Untergruppe	. Collectors [5]
B03D 101/04	1-Punkt Untergruppe	. Frothers [5]
B03D 101/06	1-Punkt Untergruppe	. Depressants [5]
B03D 103/00	**Hauptgruppe**	**Specified materials treated by the flotation agents [5]**
B03D 103/02	1-Punkt Untergruppe	. Ores [5]
B03D 103/04	2-Punkt Untergruppe	. . Non-sulfide ores [5]
B03D 103/06	3-Punkt Untergruppe	. . . Phosphate ores [5]
B03D 103/08	3-Punkt Untergruppe	. . . Coal ores [5]
B03D 103/10	3-Punkt Untergruppe	. . . Potassium ores [5]