

Title (en)

AGITATOR BALL MILL WITH AXIAL CHANNELS

Title (de)

RÜHRWERKSKUGELMÜHLE MIT AXIALKANÄLEN

Title (fr)

BROYEUR AGITATEUR À BILLES AVEC DES CANAUX AXIALS

Publication

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Application

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Abstract (en)

[origin: WO2015003676A1] The invention relates to a stirred ball mill (2) comprising a grinding container (4), in which an agitator shaft (8) having grinding elements (6) is arranged, whereby a grinding chamber (10) is formed between the grinding container (4) and the agitator shaft (8), into which chamber the grinding elements (6) extend and into which at least one inlet duct (12) for grinding material opens and in which a dynamic separation device (14) for grinding bodies is provided, the separation device (14) having recesses (16) for feeding back the grinding bodies, is designed for improved distribution of the grinding bodies in the grinding chamber (10). To this end, the agitator shaft (8) according to the invention has at least one recess (18), which widens the separation device (14) and extends in the axial direction into the grinding chamber (10).

IPC 8 full level

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- DE 19510807 A1 19950928 - NETZSCH ERICH HOLDING [DE]
- JP 2011147866 A 20110804 - NIPPON COKE & ENGINEERING CO LTD

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