

Title (en)
WET CLASSIFICATION DEVICE

Title (de)
NASSKLASSIEREINRICHTUNG

Title (fr)
INSTALLATION DE CLASSIFICATION PAR VOIE HUMIDE

Publication
EP 1434655 B1 20060426 (DE)

Application
EP 01274580 A 20011006

Priority
DE 0103841 W 20011006

Abstract (en)
[origin: WO03035267A1] Disclosed is a wet classification device in the form of a centrifuge provided with a stationary outer housing (1), a centrifugal drum (2) arranged in the outer housing, a device (13) for cleaning sediment deposited on the wall of the centrifugal drum, and inlets and outlets. The cleaning device comprises a shaft which extends into the centrifugal drum and has cutting devices (21, 22) arranged on the periphery thereof, in addition to a device for introducing a dispersing fluid in the centrifugal drum. The cutting devices are configured and arranged in such a way that turbulence can be created in the infed dispersing fluid, thereby resulting in a wash-out effect with respect to the sediment cake and facilitating the removal thereof.

IPC 8 full level
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WO 03035267 A1 20030501; CN 1308089 C 20070404; CN 1578703 A 20050209; DE 10196972 D2 20040819; DE 50109652 D1 20060601;
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