

Title (en)  
WET CLASSIFICATION DEVICE

Title (de)  
NASSKLASSIEREINRICHTUNG

Title (fr)  
INSTALLATION DE CLASSIFICATION PAR VOIE HUMIDE

Publication  
**EP 1434655 A1 20040707 (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 1-7  
**B04B 11/08**; **B04B 15/06**; **B03B 5/00**

IPC 8 full level  
**B03B 5/00** (2006.01); **B03B 5/32** (2006.01); **B04B 1/02** (2006.01); **B04B 11/00** (2006.01); **B04B 11/08** (2006.01); **B04B 15/06** (2006.01)

CPC (source: EP US)  
**B03B 5/00** (2013.01 - EP US); **B04B 1/00** (2013.01 - EP US); **B04B 11/08** (2013.01 - EP US); **B04B 15/06** (2013.01 - EP US);  
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Citation (search report)  
See references of WO 03035267A1

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DOCDB simple family (publication)  
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