

Title (en)

DEVICE FOR FROTHING A SLUDGE

Title (de)

VORRICHTUNG ZUM AUFSCHÄUMEN EINER SCHLÄMME

Title (fr)

DISPOSITIF PERMETTANT DE FAIRE MOUSSER UNE BOUE

Publication

**EP 1644106 A1 20060412 (DE)**

Application

**EP 04732870 A 20040514**

Priority

- AT 2004000170 W 20040514
- AT 8152003 A 20030527

Abstract (en)

[origin: WO2004105924A1] A device for frothing a sludge made from sand, water and a hydraulic binder, with addition of a frothing agent, is disclosed, comprising a cylindrical container (2), for housing the sludge and a stirrer gear (7), circulating with relation to the container (2) and the container axis. According to the invention, simple construction proportions may be achieved, whereby the stirrer gear (7) comprises stirring units (10), distributed over the cross-section of the container, each of which has a rotor parallel to the container axis with stirring rods (14), distributed around the circumference between end retainers (12, 13), parallel to said axis, which may be driven alternately in opposing directions.

IPC 1-7

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IPC 8 full level

**B01F 27/96** (2022.01); **B28C 5/32** (2006.01); **B28C 5/38** (2006.01)

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Cited by

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