

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 B1 20060906 (DE)**

Application  
**EP 04732870 A 20040514**

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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.

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**WO 2004105924 A1 20041209; WO 2004105924 A8 20060420**; AT A8152003 A 20040315; AT E338581 T1 20060915; DE 502004001434 D1 20061019; EP 1644106 A1 20060412; EP 1644106 B1 20060906; RU 2005140667 A 20060610; US 2007008813 A1 20070111

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