

Title (en)

SCREENING DEVICE FOR CONTROL SCREENING

Title (de)

SIEBVORRICHTUNG FÜR KONTROLLSIEBUNG

Title (fr)

DISPOSITIF DE TAMIS POUR TAMISAGE DE CONTRÔLE

Publication

EP 1981654 A1 20081022 (DE)

Application

EP 07700130 A 20070129

Priority

- CH 2007000039 W 20070129
- DE 102006005968 A 20060208

Abstract (en)

[origin: WO2007090305A1] The invention relates to a screening device (1) for a pulverulent or granular material, in particular a control screen for milled products such as flour, middlings or semolina. The device has an inlet (2) for material to be screened, an outlet (3) for rejections and an outlet (4) for undersize. Furthermore, the screening device comprises a screen frame (5) with a screen (5a) fastened thereto and a base framework (8). The screen frame (5) is mounted such that it can move relative to the base framework (8) of the screening device (1) and is coupled to a vibrating source (7) by means of which the screen frame (5) can be made to move with vibrating movements relative to the base framework (8) of the screening device. During operation, the screen frame (5) can be made to move with vibrating movements whose frequency is in the range from 15 Hz to 100 Hz and whose amplitude is in the range from 0.1 mm to 6 mm.

IPC 8 full level

B07B 1/42 (2006.01); **B07B 1/44** (2006.01); **G01N 15/02** (2006.01)

CPC (source: EP US)

B07B 1/42 (2013.01 - EP US); **B07B 1/44** (2013.01 - EP US); **B07B 13/16** (2013.01 - EP US)

Citation (search report)

See references of WO 2007090305A1

Citation (examination)

US 141557 A 18730805

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102006005968 A1 20070809; CN 101378849 A 20090304; EP 1981654 A1 20081022; US 2010108574 A1 20100506; WO 2007090305 A1 20070816

DOCDB simple family (application)

DE 102006005968 A 20060208; CH 2007000039 W 20070129; CN 200780004865 A 20070129; EP 07700130 A 20070129; US 27853507 A 20070129