

Title (en)
VIBRATING SCREEN DEVICE

Title (de)
SCHÜTTELSIEBVORRICHTUNG

Title (fr)
DISPOSITIF DE TAMIS VIBRANT

Publication
EP 3427846 A1 20190116 (EN)

Application
EP 17763095 A 20170303

Priority
• JP 2016047897 A 20160311
• JP 2017008415 W 20170303

Abstract (en)
Provided is a vibration sieve device capable of preventing the occurrence of damage to a chute while maintaining discharge of a material using the chute. A vibration sieve device 1 includes: a case 2; a screen 3 disposed inside the case 2; and a vibration unit configured to vibrate the case 2. The case 2 has a residual material discharge port 2c configured to discharge a residual material MR remaining on the screen 3 after screening to an outside of the case 2. The case 2 includes a discharge chute 10 configured to discharge the residual material MR discharged from the residual material discharge port 2c, the discharge chute 10 having an inner bottom surface 11a where one end is disposed at a lower part of the residual material discharge port 2c of the case 2 and the inner bottom surface 11a is downwardly inclined from the one end to another end of the inner bottom surface 11a. The discharge chute 10 is disposed so as not to be brought into contact with the case 2 in a state where the case 2 is not vibrated.

IPC 8 full level
B07B 1/28 (2006.01); **B07B 1/46** (2006.01)

CPC (source: EP)
B07B 13/16 (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3427846 A1 20190116; EP 3427846 A4 20191204; AU 2017231295 A1 20180920; JP 2017159269 A 20170914; JP 6551682 B2 20190731; PH 12018501833 A1 20190515; WO 2017154755 A1 20170914

DOCDB simple family (application)
EP 17763095 A 20170303; AU 2017231295 A 20170303; JP 2016047897 A 20160311; JP 2017008415 W 20170303; PH 12018501833 A 20180828