

Title (en)
DEVICE AND PROCESS FOR SEPARATING PARTICLE FRAGMENTS FROM SAID PARTICLES

Title (de)
VORRICHTUNG UND VERFAHREN ZUR TRENNUNG VON TEILCHENFRAGMENTEN AUS DIESEN TEILCHEN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE SÉPARATION DE CASSONS DE PARTICULES DESDITES PARTICULES

Publication
EP 3347142 B1 20190619 (FR)

Application
EP 16767179 A 20160907

Priority
• BE 201500228 A 20150907
• EP 2016071060 W 20160907

Abstract (en)
[origin: WO2017042202A1] The invention relates to a device (S) for separating fragments of particles (p) from said particles, including a floor (1) that is arranged so as to receive said particles and said fragments and is connected to a first means (2) that is arranged so as to animate said floor (1) with a vibrating movement, said floor (1) being bored with openings (3) in order to allow said fragments, but not said particles, to pass through said openings (3), and a ceiling (7) arranged substantially parallel to said floor (1). The device also includes a second means (8) arranged so as to move said ceiling (7) between a first position in which it is located at a distance (d) from the floor (1) and a second position in which it is in contact with the floor (1) so that particle fragments which are stuck in said openings (3) are ejected therefrom.

IPC 8 full level
B07B 13/04 (2006.01); **A61J 3/07** (2006.01); **B07B 1/55** (2006.01)

CPC (source: EP US)
A61J 3/074 (2013.01 - EP US); **B07B 1/469** (2013.01 - EP US); **B07B 1/55** (2013.01 - EP US); **B07B 13/04** (2013.01 - EP US)

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

DOCDB simple family (publication)
WO 2017042202 A1 20170316; BE 1024079 A1 20171110; BE 1024079 B1 20171113; CN 107949440 A 20180420; CN 107949440 B 20211224; EP 3347142 A1 20180718; EP 3347142 B1 20190619; ES 2741536 T3 20200211; US 10568812 B2 20200225; US 2018311109 A1 20181101

DOCDB simple family (application)
EP 2016071060 W 20160907; BE 201500228 A 20150907; CN 201680050537 A 20160907; EP 16767179 A 20160907; ES 16767179 T 20160907; US 201615757193 A 20160907