

Title (en)

AN APPARATUS FOR REMOVING ADHERED SUBSTANCE FROM PARTICULATE MATERIAL OR FOR CRUSHING MATERIAL

Title (de)

VORRICHTUNG ZUM ENTFERNEN EINER ANHAFTENDEN SUBSTANZ AUS PARTIKULÄREM MATERIAL ODER ZUM ZERKLEINERN VON MATERIAL

Title (fr)

APPAREIL D'ÉLIMINATION DE SUBSTANCES COLLÉES SUR UN MATÉRIAU PARTICULAIRE OU DE BROyage DE MATÉRIAU

Publication

**EP 3725411 C0 20231213 (EN)**

Application

**EP 19170186 A 20190418**

Priority

EP 19170186 A 20190418

Abstract (en)

[origin: EP3725411A1] An apparatus (1) for removing adhered substance from particulate material comprises an elongate container (2) including an inlet (3) for introducing untreated particulate material into the container (2) and an outlet (4) for discharging treated particulate material from the container (2), wherein the inlet (3) and the outlet (4) are located at a distance from each other in longitudinal direction of the container (2), a rotating element (5) which is located inside the container (2) and which is rotatable with respect to the container (2) about an axis of rotation (6) which extends in longitudinal direction of the container (2), a driving member (7, 8) for driving the rotating element (5) about its axis of rotation (6), wherein the rotating element (5) has a plurality of successive circular cross-sections along the axis of rotation (6), wherein each of the circular cross-sections has a centre which is located at a distance from the axis of rotation (6) and wherein the centre of each successive circular cross-section is shifted with respect to the centre of its preceding circular cross-section in one direction about the axis of rotation (6).

IPC 8 full level

**B02C 17/16** (2006.01); **B02C 17/18** (2006.01)

CPC (source: EP)

**B02C 17/163** (2013.01); **B02C 17/1815** (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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

**EP 3725411 A1 20201021**; **EP 3725411 B1 20231213**; **EP 3725411 C0 20231213**; ES 2967708 T3 20240503

DOCDB simple family (application)

**EP 19170186 A 20190418**; ES 19170186 T 20190418