

Title (en)

SEPARATING DEVICE AND METHOD FOR DETECTING A MATERIAL ACCUMULATION IN SUCH A SEPARATING DEVICE

Title (de)

TRENNVORRICHTUNG UND VERFAHREN ZUM DETEKTIEREN EINER STOFFANSAMMLUNG IN EINER SOLCHEN TRENNVORRICHTUNG

Title (fr)

DISPOSITIF DE SÉPARATION ET PROCÉDÉ DE DÉTECTION D'UNE ACCUMULATION DE MATIÈRE DANS UN TEL DISPOSITIF DE SÉPARATION

Publication

**EP 3319731 B1 20190424 (DE)**

Application

**EP 16741554 A 20160704**

Priority

- DE 102015110865 A 20150706
- EP 2016065719 W 20160704

Abstract (en)

[origin: WO2017005697A1] A separate device comprising a housing (1), which forms an inlet (2) for a material mixture flow, a first outlet (3) for a first partial flow of the material mixture flow and a second outlet (5) for a second partial flow of the material mixture flow is characterised by a radar device (13) which is designed and arranged such that, by means of same, electromagnetic radiation can be transmitted through an interior space (8) delimited by the housing (1) in the direction of the first outlet (3) and is received again as reflected radiation. In this way, a material accumulation can be detected in the first outlet (3) and the separating device can be monitored with respect to an impending blockage.

IPC 8 full level

**B04C 11/00** (2006.01); **B04C 5/14** (2006.01)

CPC (source: EP)

**B04C 5/14** (2013.01); **B04C 11/00** (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

DOCDB simple family (publication)

**WO 2017005697 A1 20170112**; DE 102015110865 A1 20170112; DK 3319731 T3 20190715; EP 3319731 A1 20180516; EP 3319731 B1 20190424

DOCDB simple family (application)

**EP 2016065719 W 20160704**; DE 102015110865 A 20150706; DK 16741554 T 20160704; EP 16741554 A 20160704