

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 A1 20180516 (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)

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Citation (search report)

See references of WO 2017005697A1

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