

Title (en)
SEPARATOR DISC PACKAGE

Title (de)
TRENNTELLERPAKET

Title (fr)
ENSEMBLE DE DISQUES SÉPARATEURS

Publication
EP 2958678 B1 20170426 (DE)

Application
EP 14704591 A 20140214

Priority
• DE 102013101654 A 20130220
• EP 2014052954 W 20140214

Abstract (en)
[origin: WO2014128063A2] A separator disc package for a rotatable drum (1) of a centrifuge, in particular a separator or a solid bowl screw centrifuge, which has axially stacked conical separator discs (3, 3'), disc gaps being formed between adjacent separator discs. In one or more of the axially adjacent separator discs (3) are formed one or more labyrinth-like flow channels (16) in which, during operation, the direction of flow of a product which is flowing through and from which solid materials are to be removed changes two or more times by at least 120° each time.

IPC 8 full level
B04B 1/08 (2006.01); **B04B 7/14** (2006.01)

CPC (source: EP RU US)
B04B 1/08 (2013.01 - EP RU US); **B04B 7/14** (2013.01 - EP RU US); **B04B 2001/2066** (2013.01 - EP US)

Cited by
US11426739B2

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)
DE 102013101654 A1 20140821; CN 105188946 A 20151223; CN 105188946 B 20171117; DK 2958678 T3 20170724;
EP 2958678 A2 20151230; EP 2958678 B1 20170426; ES 2635144 T3 20171002; RU 2015133371 A 20170329; RU 2661587 C2 20180717;
US 2016001302 A1 20160107; US 9687858 B2 20170627; WO 2014128063 A2 20140828; WO 2014128063 A3 20150416

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EP 2014052954 W 20140214; ES 14704591 T 20140214; RU 2015133371 A 20140214; US 201414768876 A 20140214