

Title (en)
Centrifuge and separator disc

Title (de)
Zentrifuge und Trennteller

Title (fr)
Centrifugeuse et disque de séparation

Publication
EP 2050505 A3 20100106 (DE)

Application
EP 08166801 A 20081016

Priority
DE 102007049697 A 20071017

Abstract (en)
[origin: EP2050505A2] The centrifuge has a spinning drum, in which a separator disc package (2) of stacked separator discs (7) is arranged. A spacer is arranged between the axial adjacent separator discs. One or multiple of the separator discs exhibits one or several crimps (9) that are circulating in a circumferential direction in sections or completely. The spacer is designed such that spacer held the separator discs in the area of the crimps outside the spacer axial to each other in a distanced manner, where the discs consist of steel sheet.

IPC 8 full level
B04B 1/08 (2006.01); **B04B 1/04** (2006.01); **B04B 7/12** (2006.01); **B04B 7/14** (2006.01)

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

Citation (search report)

- [DX] US 694736 A 19020304 - GALES NICHOLAS W [US]
- [A] DE 102004037925 A1 20050224 - WESTFALIA SEPARATOR AG [DE]
- [DA] DE 163331 C

Cited by
EP3124120A4; JPWO2021149239A1; US11426739B2; US10512864B2; WO2021149239A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2050505 A2 20090422; EP 2050505 A3 20100106; EP 2050505 B1 20160406; DE 102008051867 A1 20090423

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EP 08166801 A 20081016; DE 102008051867 A 20081016