

Title (en)
SEPARATOR

Title (de)
SEPARATOR

Title (fr)
SÉPARATEUR CENTRIFUGE

Publication
EP 2424675 B1 20200715 (DE)

Application
EP 10716333 A 20100427

Priority
• EP 2010055601 W 20100427
• DE 102009019392 A 20090429

Abstract (en)
[origin: WO2010125049A1] The invention relates to a separator comprising a centrifugal drum (1) having a vertical rotational axis, in which centrifugal drum a separator disk assembly (2) is arranged, which comprises a plurality of separator disks (3) stacked on top of each other and is divided into a lower separator disk assembly section (6) and an upper separator disk assembly section (7), wherein the one separator disk assembly section (6) is designed as a separating device for separating an inflowing material to be centrifuged in the centrifugal field into two liquid phases (L1, L2) or as a combined separating and clarifying device for separating an inflowing material to be centrifuged in the centrifugal field into two liquid phases (L1, L2) and for clarifying to remove a solid phase and the other separator disk assembly section (7) is designed as a clarifying device for clarifying a liquid phase to remove solids (S1).

IPC 8 full level
B04B 1/14 (2006.01); **B04B 1/18** (2006.01); **B04B 7/14** (2006.01)

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

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010125049 A1 20101104; DE 102009019392 A1 20101111; EP 2424675 A1 20120307; EP 2424675 B1 20200715

DOCDB simple family (application)
EP 2010055601 W 20100427; DE 102009019392 A 20090429; EP 10716333 A 20100427