

Title (en)
SEPARATOR DRUM AND SEPARATOR

Title (de)
SEPARATORTROMMEL UND SEPARATOR

Title (fr)
TAMBOUR DE SÉPARATEUR ET SÉPARATEUR

Publication
EP 3328550 A1 20180606 (DE)

Application
EP 16735869 A 20160706

Priority
• DE 202015103984 U 20150730
• EP 2016065919 W 20160706

Abstract (en)
[origin: WO2017016827A1] The invention relates to a separator drum (1) for a separator for centrifugally separating a suspension into at least one liquid phase and one solid phase or into two liquid phases and preferably one solid phase, comprising at least the following features: a vertical axis of rotation; a drum lower part (2) and a drum upper part (3), into which a product to be processed can be fed, into a drum interior (15), via a feed tube (8) and a distributor (7), wherein the distributor has a distributor shaft (6), a conical distributor foot (8), and distributor channels (14) into the drum interior (15), which distributor channels are formed in the distributor foot (8), at least one liquid outlet, and preferably at least one solid outlet, wherein the distributor foot (8) has a lower distributor foot base (9) and an upper distributor foot cover plate (10), which can be mounted on the distributor (7) separately from the conical distributor foot base (9).

IPC 8 full level
B04B 1/08 (2006.01); **B04B 1/14** (2006.01); **B04B 11/06** (2006.01)

CPC (source: EP US)
B04B 1/08 (2013.01 - EP US); **B04B 1/14** (2013.01 - EP US); **B04B 11/04** (2013.01 - US); **B04B 11/06** (2013.01 - EP US)

Citation (search report)
See references of WO 2017016827A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 202015103984 U1 20161102; CN 107847946 A 20180327; EP 3328550 A1 20180606; US 2018214893 A1 20180802;
WO 2017016827 A1 20170202

DOCDB simple family (application)
DE 202015103984 U 20150730; CN 201680043179 A 20160706; EP 16735869 A 20160706; EP 2016065919 W 20160706;
US 201615745821 A 20160706