

Title (en)
CIRCULAR SCREEN AND DEVICE FOR PRODUCING SAME

Title (de)
RUNDSIEB SOWIE HERSTELLUNGSVORRICHTUNG HIERFÜR

Title (fr)
FORME RONDE ET DISPOSITIF DE FABRICATION ASSOCIÉ

Publication
EP 3452233 B1 20200819 (DE)

Application
EP 17720099 A 20170426

Priority
• DE 102016108177 A 20160503
• EP 2017059972 W 20170426

Abstract (en)
[origin: WO2017191017A1] A circular screen according to the invention comprises a substantially cylindrical and/or truncated cone-shaped main part which is made of a sheet metal strip wound into a plurality of sheet metal strip coils (4). The sheet metal strip describes a wavy line which oscillates about a reference plane and has wave peaks (6) and wave valleys (10). Adjacent sheet metal strip coils (4) lie against one another such that screen openings (11) are formed in the radial direction, and the height of the wave peaks (6) and the wave valleys (10) of the sheet metal strip coils (4) increases outwards in the radial direction with respect to the reference plane such that the size of the screen openings (11) increases radially outwards in the flow direction, or the height of the wave peaks (6) and the wave valleys (10) of the sheet metal strip coils (4) increases inwards in the radial direction with respect to the reference plane such that the size of the screen openings (11) increases radially inwards in the flow direction.

IPC 8 full level
B07B 1/18 (2006.01); **B07B 1/46** (2006.01); **B21D 7/08** (2006.01); **B21D 11/06** (2006.01); **B21D 13/04** (2006.01); **B21D 53/00** (2006.01)

CPC (source: EP)
B07B 1/18 (2013.01); **B07B 1/4618** (2013.01); **B21D 7/08** (2013.01); **B21D 11/06** (2013.01); **B21D 13/04** (2013.01); **B21D 53/00** (2013.01)

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 102016108177 A1 20171109; DE 102016108177 B4 20190523; CN 109153041 A 20190104; CN 109153041 B 20211022;
EP 3452233 A1 20190313; EP 3452233 B1 20200819; WO 2017191017 A1 20171109

DOCDB simple family (application)
DE 102016108177 A 20160503; CN 201780027595 A 20170426; EP 17720099 A 20170426; EP 2017059972 W 20170426