

Title (en)
MAGNETIC SEPARATOR

Title (de)
MAGNETABSCHEIDER

Title (fr)
SÉPARATEUR MAGNÉTIQUE

Publication
EP 4054768 B1 20231115 (DE)

Application
EP 20799649 A 20201023

Priority
• CH 14152019 A 20191108
• EP 2020079892 W 20201023

Abstract (en)
[origin: WO2021089341A1] The invention relates to a magnetic separator having a housing (1), which has an interior space (2), a connection (3) and a flange (4), having a cover (5), which is releasably connected to the flange (4) and has a cup (8) which can be introduced into the interior space (2), and having a magnet arrangement (11), which comprises a permanent magnet (9) which can be introduced into the cup (8). In order to improve the maintenance properties, it is proposed to provide a movable arresting element (17; 17'), which is intended to secure the permanent magnet (9) introduced into the cup (8) and is brought into form-fitting engagement with the magnet arrangement (11) as a result of the connection between the cover (5) and flange (4).

IPC 8 full level
B03C 1/28 (2006.01); **B03C 1/033** (2006.01)

CPC (source: CH EP)
B03C 1/0332 (2013.01 - EP); **B03C 1/284** (2013.01 - EP); **B03C 1/288** (2013.01 - EP); **B03C 1/30** (2013.01 - CH);
B03C 2201/18 (2013.01 - CH EP); **B03C 2201/28** (2013.01 - CH EP)

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)
WO 2021089341 A1 20210514; CH 716778 A2 20210514; CH 716778 B1 20230428; EP 4054768 A1 20220914; EP 4054768 B1 20231115;
EP 4054768 C0 20231115

DOCDB simple family (application)
EP 2020079892 W 20201023; CH 14152019 A 20191108; EP 20799649 A 20201023