

Title (en)

Assembly for collecting magnetisable metallic parts in a fluid on a magnetic device

Title (de)

Anordnung zum Sammeln von magnetisierbaren Metallteilen in einem Fluid an einer Magnetvorrichtung

Title (fr)

Dispositif de collecte de pièces de métal pouvant être magnétisées dans un fluide au niveau d'un dispositif magnétique

Publication

EP 2745940 A3 20160608 (DE)

Application

EP 13197750 A 20131217

Priority

AT 13352012 A 20121221

Abstract (en)

[origin: EP2745940A2] The arrangement has a cavity (5) defining a wall (4) and comprising a flow element (11), where fluid (1) flows through the cavity in a flow direction. The cavity has an inlet opening (6) and an outlet opening (7). A turbulent flow area (12) is formed by arrangement of the flow element in a cavity partial area (10) formed between the openings. Volume-moderate expansion of the flow area corresponds to, smaller or larger than volume-moderate expansion of magnetic field for drawing metal parts and for collecting the metal parts in a magnetic device (2).

IPC 8 full level

B03C 1/28 (2006.01)

CPC (source: AT EP)

B03C 1/28 (2013.01 - AT); **B03C 1/286** (2013.01 - EP); **B03C 2201/20** (2013.01 - EP); **B03C 2201/28** (2013.01 - EP)

Citation (search report)

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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)

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DOCDB simple family (application)

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