

Title (en)
DEVICE FOR SEPARATING FERROMAGNETIC PARTICLES FROM A SUSPENSION

Title (de)
VORRICHTUNG ZUM ABSCHIEDEN FERROMAGNETISCHER PARTIKEL AUS EINER SUSPENSION

Title (fr)
DISPOSITIF POUR LE DEPOT DE PARTICULES FERROMAGNETIQUES A PARTIR D'UNE SUSPENSION

Publication
EP 2346612 A1 20110727 (DE)

Application
EP 09783394 A 20090925

Priority
• EP 2009062412 W 20090925
• DE 102008057082 A 20081113

Abstract (en)
[origin: WO2010054885A1] Device for separating ferromagnetic particles from a suspension, having a reactor (2) through which the suspension can flow, with at least one magnet (3, 4) arranged on the outside of the reactor (2), wherein the reactor (2) has an interior space (7) and an exterior space (8) surrounding the former, wherein the interior space (7) and exterior space (8) are separated from one another by an insert (6), and the insert (6) has at least one opening (9, 10) near the at least one magnet (3, 4).

IPC 8 full level
B03C 1/28 (2006.01)

CPC (source: EP US)
B03C 1/288 (2013.01 - EP US); **B03C 2201/18** (2013.01 - EP US)

Citation (search report)
See references of WO 2010054885A1

Cited by
CN109153023A; US11460380B2; EP3436795B1

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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2010054885 A1 20100520; AU 2009315864 A1 20100520; AU 2009315864 B2 20121206; CA 2743364 A1 20100520; CA 2743364 C 20140722; CL 2011000934 A1 20110805; CN 102215975 A 20111012; CN 102215975 B 20140917; DE 102008057082 A1 20100527; EP 2346612 A1 20110727; EP 2346612 B1 20130703; ES 2424876 T3 20131009; PE 20120202 A1 20120309; PL 2346612 T3 20131231; RU 2011123904 A 20121220; RU 2474478 C1 20130210; US 2011220580 A1 20110915; US 8632684 B2 20140121

DOCDB simple family (application)
EP 2009062412 W 20090925; AU 2009315864 A 20090925; CA 2743364 A 20090925; CL 2011000934 A 20110426; CN 200980145362 A 20090925; DE 102008057082 A 20081113; EP 09783394 A 20090925; ES 09783394 T 20090925; PE 2011000909 A 20090925; PL 09783394 T 20090925; RU 2011123904 A 20090925; US 200913128490 A 20090925