

Title (en)
Centrifugal separator

Title (de)
Fliehkraftabscheider

Title (fr)
Séparateur de force centrifuge

Publication
EP 2186571 A3 20120822 (DE)

Application
EP 09012607 A 20091006

Priority
DE 102008057480 A 20081114

Abstract (en)
[origin: EP2186571A2] The cyclone dust collector (1) has a housing (2) forming a turbulence chamber (5) with a tangential inlet (3) with a lower outlet (4) in the position of installation for massive components isolated in the centrifugal field. An outlet (8) is provided, which comprises an immersion pipe (9) extending in the housing. The immersion pipe is connected to the side of the housing cover (6) facing the centrifugal chamber. The immersion pipe is composed of cylindrical pipe sections made of different steel qualities.

IPC 8 full level
B04C 5/08 (2006.01); **B04C 5/13** (2006.01); **F23J 15/02** (2006.01)

CPC (source: EP)
B04C 5/08 (2013.01); **B04C 5/13** (2013.01); **F23J 15/027** (2013.01)

Citation (search report)

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- [X] US 3129173 A 19640414 - SCHULZE HERTHA M
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- [Y] DE 3228902 A1 19840209 - KLOECKNER HUMBOLDT DEUTZ AG [DE]
- [A] WO 2007110715 A1 20071004 - SMIDTH AS F L [DK], et al
- [A] JP 2007040574 A 20070215 - TAIHEIYO TOKUSHU CHUZO KK

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)
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