

Title (en)

Collecting vessel for catching particles for a centrifugal separator

Title (de)

Auffangbehälter zum Auffangen von Partikeln für einen Wirbelabscheider

Title (fr)

Récipient de collecte pour la collecte de particules pour un séparateur à tourbillon

Publication

EP 2628429 B1 20180103 (DE)

Application

EP 13154068 A 20130205

Priority

DE 102012202286 A 20120215

Abstract (en)

[origin: EP2628429A2] The container (150) has a housing element (160) partially defining a collecting volume (190) of the container. An opening (180) is formed and arranged in the housing element so that particles reach from a separation chamber (110) of a swirl separator into the volume through the opening due to swirl prevailing in the chamber. The housing element includes a conducting structure (200), which is designed so that a gas flow i.e. air flow, entering perpendicular through the opening partially produces flow components parallel to the opening. The housing element is made of injection moldable plastic.

IPC 8 full level

A47L 9/16 (2006.01)

CPC (source: EP)

A47L 9/1683 (2013.01)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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