

Title (en)

Dust extraction unit with an intermediate coupling

Title (de)

Staubabscheideeinheit mit einer Zwischenkupplung

Title (fr)

Unité de dépoussiérage avec accouplement intermédiaire

Publication

EP 2510860 A3 20140122 (DE)

Application

EP 12163788 A 20120411

Priority

DE 102011007213 A 20110412

Abstract (en)

[origin: EP2510860A2] The unit (5) has a wall that partly encloses the dust separation unit, where the wall comprises an intermediate clutch (12) with a drive counter-coupling i.e. tooth clutch, accessible from exterior of the dust separation unit and an output counter-coupling accessible from interior of the dust separation unit. The intermediate clutch covers an aperture in a wall of the dust separation unit and comprises a circulating edge (13) that is supported in an annular groove of the wall of the dust separation unit. Independent claims are also included for the following: (1) a system comprising a filter (2) a vacuum cleaner comprising a cleaning motor.

IPC 8 full level

A47L 9/20 (2006.01); **A47L 9/12** (2006.01)

CPC (source: EP)

A47L 9/127 (2013.01); **A47L 9/20** (2013.01)

Citation (search report)

- [AD] DE 10303678 A1 20031218 - SAMSUNG KWANGJU ELECTRONICS CO [KR]
- [AD] DE 102009035602 A1 20110210 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
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- [AD] US 2007068126 A1 20070329 - TERAUDS JURIS [US]

Cited by

CN107280580A; EP3085291A1

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)

BA ME

DOCDB simple family (publication)

EP 2510860 A2 20121017; EP 2510860 A3 20140122; EP 2510860 B1 20150902; DE 102011007213 A1 20121018

DOCDB simple family (application)

EP 12163788 A 20120411; DE 102011007213 A 20110412