

Title (en)

Pre-separator for the inlet of spray mist suction units, paint finishing assemblies or the like

Title (de)

Vorabscheider für die An- bzw. Absaugöffnung von Sprühnebel-Absauganlagen, Lackieranlagen o.dgl.

Title (fr)

Préséparateur pour l'ouverture d'aspiration ou d'évacuation d'installations d'aspiration de brouillards de pulvérisation ou d'installations de laquage etc.

Publication

EP 2236215 B1 20180502 (DE)

Application

EP 10158528 A 20100330

Priority

- DE 102009016003 A 20090402
- DE 102009022459 A 20090523

Abstract (en)

[origin: EP2236215A1] The pre-separator (1) has a base frame (4) provided with an opening (5). Swirl segments are spaced from each other and are oriented horizontally or vertically. The pre-separator is made of plastic, which possesses characteristics such that dye and color are removably and/or detachably adhered. The base frame is provided with a stop edge. The swirl segments are provided in the opening. A bonded-fiber filter (13) is provided in the opening. The swirl segments extend towards a frame part (11) that is arranged opposite to another frame part (10).

IPC 8 full level

B01D 45/08 (2006.01); **B05B 14/43** (2018.01); **B05B 14/44** (2018.01); **B01D 45/06** (2006.01)

CPC (source: EP)

B05B 14/43 (2018.01); **B05B 14/44** (2018.01)

Citation (examination)

- EP 1080788 A1 20010307 - DUERR SYSTEMS GMBH [DE]
- DE 19603689 A1 19970828 - GUTERMUTH PATENT GMBH & CO KG [DE]
- DE 9112707 U1 19920206
- EP 0340242 A1 19891108 - GUTERMUTH PAUL SEN [DE]

Cited by

WO2023051961A1; DE102018118796A1; DE102018103019A1; JP2013086064A; WO2019174674A1

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

DOCDB simple family (publication)

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