

Title (en)

Device for storing, selecting and dispensing base colours for paint, in particular for automotive paint

Title (de)

Vorrichtung zur Lagerung, Auswahl und Dosierung von Grundfarben für das Lackieren, insbesondere das Lackieren von Autos

Title (fr)

Dispositif de stockage, de sélection et de dosage de teintes de base pour peinture, notamment pour peinture automobile

Publication

EP 2135668 B1 20130821 (FR)

Application

EP 08290588 A 20080620

Priority

EP 08290588 A 20080620

Abstract (en)

[origin: EP2135668A1] The device (10) has a set of containers storing respective base colors of paint, where each container has an orifice for expulsion of the colors. A carousel carries the containers, and includes a set of radial cells (14), each defining an enclosed inner volume to accommodate a flexible deformable pouch containing a base paint, in a sealed manner. The cell and the associated pouch form a container. Each cell has a passage for communicating the inner volume with a pressure source e.g. compressed air source, previous to the expulsion of preset dosage of the color. An independent claim is also included for a method for preparing a mixture of base colors of paint.

IPC 8 full level

B01F 13/10 (2006.01); **B44D 3/08** (2006.01); **C09D 7/80** (2018.01)

CPC (source: EP US)

B01F 33/84 (2022.01 - EP US); **B01F 35/71745** (2022.01 - EP); **B01F 35/71795** (2022.01 - EP); **B44D 3/08** (2013.01 - EP US); **B67D 7/00** (2013.01 - US)

Cited by

WO2013079841A1; FR2983089A1; CN103534018A; EP3520890A3; FR2968576A1; FR3138422A1; US10143984B2; WO2018211202A1; WO2015058000A1; WO2012080667A3; WO2012130881A3; WO2018211203A1; WO2020084229A1; FR3087668A1; WO2020183098A2; FR3093712A1; WO2020084230A1; FR3087669A1; US9649608B2; US9623390B2; US9700862B2; US11779892B2; EP2145677A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2135668 A1 20091223; **EP 2135668 B1 20130821**; CN 102065988 A 20110518; JP 2011526564 A 20111013; US 2011101028 A1 20110505; US 2013233881 A1 20130912; US 8899447 B2 20141202; WO 2009153504 A1 20091223

DOCDB simple family (application)

EP 08290588 A 20080620; CN 200980123095 A 20090611; FR 2009051102 W 20090611; JP 2011514092 A 20090611; US 201313845408 A 20130318; US 73717809 A 20090611