

Title (en)
Colour changer

Title (de)
Farbwechsler

Title (fr)
Changeur de teinte

Publication
EP 2644281 B1 20190508 (DE)

Application
EP 12002292 A 20120329

Priority
EP 12002292 A 20120329

Abstract (en)
[origin: EP2644281A1] The color changer (10) has a valve module (32) with an interaction surface (34), multiple valve units (18,20,22) provided in the valve module, which are connected at their inlet sides with supply channels (12,14,16) for lacquer material and at their outlet side with a common collecting duct (24). The valve units are opened and closed by switching units (26,28,30) with an actuating end opening at the interaction surface. A switching module (44) with another interaction surface (46) and an actuator (48) is provided. The switching module with another actuating end opens in the latter interaction surface. The valve module and the switching module with their interaction surfaces are arranged movably adjacent and against each other.

IPC 8 full level
B05B 12/14 (2006.01); **B05B 15/55** (2018.01)

CPC (source: EP US)
B05B 12/149 (2013.01 - EP US); **B05B 15/55** (2018.01 - EP US); **Y10T 137/87096** (2015.04 - EP US)

Citation (examination)

- US 5402826 A 19950404 - MOLNAR JULIUS J [US], et al
- WO 8705832 A1 19871008 - TILLY LEIF [SE]

Cited by
US10220402B2; US11084056B2; WO2016015866A1; WO2018014915A1

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

DOCDB simple family (publication)
EP 2644281 A1 20131002; EP 2644281 B1 20190508; CN 103363154 A 20131023; CN 103363154 B 20170322; MX 2013003376 A 20130930; US 2013255810 A1 20131003; US 9180477 B2 20151110

DOCDB simple family (application)
EP 12002292 A 20120329; CN 201310104114 A 20130328; MX 2013003376 A 20130325; US 201313853435 A 20130329