

Title (en)
COLOR APPLICATION SYSTEM AND METHOD FOR OPERATING THE SAME

Title (de)
FARBAUFTRAGSSYSTEM UND VERFAHREN ZU DESSEN BETRIEB

Title (fr)
SYSTÈME D'APPLICATION DE PEINTURE ET UN PROCÉDÉ POUR LE FAIRE FONCTIONNER

Publication
EP 2629897 A1 20130828 (DE)

Application
EP 11761366 A 20110926

Priority
• DE 102010060086 A 20101020
• EP 2011066665 W 20110926

Abstract (en)
[origin: WO2012052255A1] The invention relates to a color application system and a method for operating the same, and solves the problem of providing a color application system and method for operating the same in which the result of the color application and the operation of the color application system are improved, and particularly color application errors due to varying pressure are reduced or completely eliminated, by using a color application system (1) comprising one or more receivers for wireless data transfer between components (2-10) of the color application system (1), wherein one of the components (2-10) is a color sprayer (2) having a detecting unit for detecting operating parameters of the color sprayer (2) and/or environmental parameters, and a transmitter for wirelessly transferring the operating parameters and/or environmental parameters to the receiver, and having a method for operating such a color application system (1), wherein the operating parameters of spray air pressure and/or optionally the pressure of the medium to be sprayed is detected in or at the color sprayer (2), and then the detected pressure or pressures are wirelessly transferred to one or more components (3-10) of the color application system (1).

IPC 8 full level
B05B 12/12 (2006.01); **B05B 7/02** (2006.01); **B05B 7/24** (2006.01); **B05B 12/00** (2006.01); **B05B 15/12** (2006.01)

CPC (source: EP US)
B05B 7/2478 (2013.01 - EP US); **B05B 12/008** (2013.01 - EP US); **B05B 12/12** (2013.01 - EP US); **B05B 7/02** (2013.01 - EP US); **B05B 16/00** (2018.01 - EP US)

Citation (search report)
See references of WO 2012052255A1

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)
DE 102010060086 A1 20120426; EP 2629897 A1 20130828; EP 2629897 B1 20141022; JP 2013545598 A 20131226; JP 2016209878 A 20161215; US 2014145003 A1 20140529; US 9878340 B2 20180130; WO 2012052255 A1 20120426

DOCDB simple family (application)
DE 102010060086 A 20101020; EP 11761366 A 20110926; EP 2011066665 W 20110926; JP 2013534231 A 20110926; JP 2016163776 A 20160824; US 201113879166 A 20110926