Title (en)

APPLICATION SYSTEM, BATTERY POWERED APPLICATION DEVICE AND PROCESS FOR BONDING

Title (de)

APPLIKATIONSSYSTEM, AKKUBETRIEBENES APPLIKATIONSGERÄT UND VERFAHREN ZUR HERSTELLUNG EINER VERKLEBUNG

Title (fr)

SYSTÈME D'APPLICATION, APPAREIL D'APPLICATION FONCTIONNANT SUR BATTERIE ET PROCÉDÉ DE FABRICATION D'UN COLLAGE

Publication

EP 2794123 A1 20141029 (DE)

Application

EP 12806507 A 20121221

Priority

- EP 11194948 A 20111221
- EP 2012076775 W 20121221
- EP 12806507 A 20121221

Abstract (en)

[origin: EP2606987A1] The application system (1) has moisture-reactive composition accommodated in a first packaging unit, a hardener component accommodated in a second packaging unit and a dynamic mixer (17) which is designed for insertion into an applicator and for driving hardener component. The dynamic mixer has piercing element for opening the first and/or second packaging units, and two premixing chambers for causing a feed in connection with the mixing rotor with rotor blades. The first packaging unit is provided with tubular bag, while second packaging unit is a cartridge with a rigid wall. Independent claims are included for the following: (1) process for producing adhesive bond and/or seal made of two-component materials that include moisture-reactive composition and hardener component; and (2) battery powered application device for application system.

IPC 8 full level

B05C 17/005 (2006.01); **B05C 17/01** (2006.01)

CPC (source: EP RU US)

B01F 33/50114 (2022.01 - US); **B05C 17/00566** (2013.01 - EP US); **B05C 17/0103** (2013.01 - EP RU US); B01F 2101/2305 (2022.01 - US); B05C 17/00566 (2013.01 - RU)

Citation (search report)

See references of WO 2013093061A1

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 2606987 A1 20130626; AU 2012356788 A1 20140724; AU 2012356788 B2 20170831; BR 112014015281 A2 20170613; CA 2859473 A1 20130627; CA 2859473 C 20200218; CN 104010738 A 20140827; CN 104010738 B 20180323; EP 2794123 A1 20141029; EP 2794123 B1 20191002; JP 2015509039 A 20150326; JP 6189859 B2 20170830; RU 2014120534 A 20160210; RU 2622423 C2 20170615; US 10258946 B2 20190416; US 2014301153 A1 20141009; WO 2013093061 A1 20130627

DOCDB simple family (application)

EP 11194948 A 20111221; AU 2012356788 A 20121221; BR 112014015281 A 20121221; CA 2859473 A 20121221; CN 201280063381 A 20121221; EP 12806507 A 20121221; EP 2012076775 W 20121221; JP 2014548090 A 20121221; RU 2014120534 A 20121221; US 201414311769 A 20140623