Title (en)
WATER-BASED TWO-PART ADHESIVE

Title (de)
WASSERBASIERTER 2-KOMPONENTEN KLEBSTOFF

Title (fr)
COLLE AQUEUSE BINAIRE

Publication
EP 2470612 A1 20120704 (DE)

Application
EP 10730786 A 20100707

Priority
• DE 102009028879 A 20090826
• EP 2010059745 W 20100707

Abstract (en)
[origin: WO2011023444A1] The invention relates to a method for gluing two substrates together, wherein one substrate is coated with a layer of an aqueous adhesive containing dispersions from chlorinated polyolefins and additives having a pH of 10 to 13. An activator solution is applied to the first or second substrate in a subsequent step, wherein the activator solution contains substances comprising acid groups, and gluing the coated surfaces together using light pressure. The invention describes a 2-part adhesive consisting of a storage-stable aqueous adhesive dispersion containing 25 to 50% by weight chlorinated polyolefins, 5 to 30% by weight additional polymers, and additives and water having a pH value of 9 to 13 and an activator solution as a second component, wherein the activator solution contains carboxylic acids, sulfonic acids, phosphonic acids, polymers comprising carboxylic acid or sulfonic acid groups, inorganic acid salts or Lewis acids, and water or organic solvents.

IPC 8 full level
C08J 5/12 (2006.01); **C09J 5/04** (2006.01); **C09J 111/02** (2006.01)

CPC (source: EP US)
C08J 5/127 (2013.01 - EP US); **C09J 5/04** (2013.01 - EP US); **C09J 123/28** (2013.01 - EP US); C08L 2666/02 (2013.01 - EP US); C09J 2411/00 (2013.01 - EP US)

Citation (search report)
See references of WO 2011023444A1

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 SE SI SK SM TR

DOCDB simple family (publication)
DE 102009028879 A1 20110303; **DE 102009028879 A8 20110601**; BR 112012003917 A2 20160329; CL 2012000460 A1 20120831; CN 102482535 A 20120530; CN 102482535 B 20160330; EP 2470612 A1 20120704; JP 2013503213 A 20130131; RU 2012111056 A 20131010; RU 2543218 C2 20150227; US 2012160410 A1 20120628; WO 2011023444 A1 20110303

DOCDB simple family (application)
DE 102009028879 A 20090826; BR 112012003917 A 20100707; CL 2012000460 A 20120223; CN 201080037464 A 20100707; EP 10730786 A 20100707; EP 2010059745 W 20100707; JP 2012525952 A 20100707; RU 2012111056 A 20100707; US 201213404351 A 20120224