

Title (en)

Label with a fluid-sensitive adhesive coating, use of such a label, method for automatic application of a label with a fluid-sensitive adhesive coating and method of manufacturing a label paper

Title (de)

Etikett mit flüssigkeitssensitiver Kleberbeschichtung, Verwendung eines solchen Etiketts, Verfahren zum automatischen Aufbringen eines Etiketts mit flüssigkeitssensitiver Kleberbeschichtung sowie Verfahren zur Herstellung eines Etikettenpapiers

Title (fr)

Étiquette avec revêtement adhésif sensible à fluide, utilisation d'une telle étiquette, procédé d'application automatique d'une étiquette avec revêtement adhésif sensible à fluide et procédé de fabrication de papier d'étiquettes

Publication

EP 1690795 B1 20071219 (DE)

Application

EP 05002687 A 20050209

Priority

EP 05002687 A 20050209

Abstract (en)

[origin: EP1690795A1] The label (7) has a liquid-sensitive adhesive coating on a rear face. The coating is based on natural biopolymers and its derivatives and/or synthetic polymers that can be activated by a liquid. The label is formed by a paper or a porous foil such as plastic foil. The coating is activated with water or water-alcohol mixture. The mixture is provided with a wetting agent or a thickening agent. Independent claims are also included for the following: (1) a method for automatically applying a label comprising a liquid-sensitive adhesive coating (2) a method for production of a label paper.

IPC 8 full level

B65C 9/16 (2006.01); **B65C 9/22** (2006.01)

CPC (source: EP KR US)

B65C 3/00 (2013.01 - KR); **B65C 9/04** (2013.01 - KR); **B65C 9/16** (2013.01 - EP US); **B65C 9/2208** (2013.01 - EP KR US); **B65C 9/2213** (2013.01 - KR); **Y10T 428/2865** (2015.01 - EP US)

Cited by

DE102015223398A1; DE102009059911A1; US8142604B2; US8939538B2; WO2011085790A3; WO2008037764A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1690795 A1 20060816; **EP 1690795 B1 20071219**; AT E381489 T1 20080115; BR PI0606777 A2 20091201; BR PI0606777 B1 20180605; CN 101128360 A 20080220; DE 502005002285 D1 20080131; ES 2298873 T3 20080516; JP 2008533511 A 20080821; KR 20070101308 A 20071016; MX 2007008915 A 20071211; PL 1690795 T3 20080530; RU 2007133713 A 20090327; RU 2416826 C2 20110420; SI 1690795 T1 20080630; US 2008226907 A1 20080918; WO 2006084567 A1 20060817; ZA 200706551 B 20100526

DOCDB simple family (application)

EP 05002687 A 20050209; AT 05002687 T 20050209; BR PI0606777 A 20060124; CN 200680004366 A 20060124; DE 502005002285 T 20050209; EP 2006000572 W 20060124; ES 05002687 T 20050209; JP 2007556511 A 20060124; KR 20077018070 A 20070806; MX 2007008915 A 20060124; PL 05002687 T 20050209; RU 2007133713 A 20060124; SI 200530182 T 20050209; US 88365506 A 20060124; ZA 200706551 A 20070807