

Title (en)

Coating method comprising a flowing coating material

Title (de)

Beschichtungsanlage mit fließfähigem Beschichtungsmaterial

Title (fr)

Procédé de revêtement comprenant une substance de revêtement fluide

Publication

EP 2329887 B1 20120822 (DE)

Application

EP 11000147 A 20061123

Priority

- EP 06818767 A 20061123
- EP 2005056191 W 20051124
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Abstract (en)

[origin: EP2329887A1] The sheet (6) guided on a conveying device is first coated with a fluid material (8) guided through a receptacle (5) formed by a foil (3) and two pulleys (4,13) of different diameters. The plane or structured foil (3) is removed from a first drum (1), positioned on top of the coating (8) and the sheet (6) guided to a drying and hardening unit (7). The position of the plane or structured foil (3) is controlled with speed sensors in order to synchronize the motion of the sheet (6) and the foil (3). After passing the drying device (7) the foil is wound up on a second drum (2).

IPC 8 full level

B05C 1/14 (2006.01); **B05D 1/28** (2006.01)

CPC (source: EP US)

B05C 1/14 (2013.01 - EP US); **B05D 3/067** (2013.01 - US); **B05D 7/06** (2013.01 - US); **B05D 7/542** (2013.01 - US); **E04F 13/10** (2013.01 - US); **E04F 15/045** (2013.01 - US); **B05C 1/003** (2013.01 - EP US); **B05D 2252/04** (2013.01 - EP US); **Y10T 156/1002** (2015.01 - EP US); **Y10T 428/31989** (2015.04 - EP US)

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WO 2007059805 A1 20070531; AT E439193 T1 20090815; AT E494961 T1 20110115; CN 101484247 A 20090715; CN 101495243 A 20090729; CN 101495243 B 20130821; DE 502005007914 D1 20090924; DE 502006008747 D1 20110224; EP 1951436 A1 20080806; EP 1951436 B1 20090812; EP 2019735 A1 20090204; EP 2019735 B1 20110112; EP 2019735 B2 20160127; EP 2329887 A1 20110608; EP 2329887 B1 20120822; ES 2361372 T3 20110616; ES 2393959 T3 20130102; MX 2009005425 A 20090730; MX 2009005477 A 20091026; NO 20092364 L 20090819; PL 1951436 T3 20100129; PL 2019735 T3 20110630; PL 2019735 T5 20160729; PL 2329887 T3 20130131; PT 2329887 E 20121026; RU 2008120139 A 20091227; RU 2009123140 A 20101227; RU 2009123405 A 20101227; RU 2419495 C2 20110527; RU 2426604 C2 20110820; RU 2456090 C2 20120720; US 10406558 B2 20190910; US 2010098963 A1 20100422; US 2010212818 A1 20100826; US 2010258051 A1 20101014; US 2013064988 A1 20130314; US 2016129473 A1 20160512; US 8191500 B2 20120605; US 8865267 B2 20141021; WO 2007059967 A1 20070531

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