

Title (en)  
Coating process with a fluid film

Title (de)  
Flüssigfilm-Beschichtungsverfahren

Title (fr)  
Procédé de revêtement avec un film fluide

Publication  
**EP 1375014 A3 20041006 (DE)**

Application  
**EP 03405398 A 20030603**

Priority  
DE 10227789 A 20020621

Abstract (en)  
[origin: EP1375014A2] The method involves forming and pouring a curtain (5) of coating fluids (1-4) including an organic liquid or a mixture of coating material and organic liquid, from a nozzle (11) to the surface of a web material (10) conveyed at right angles to the curtain. The organic liquid has a surface tension of at most 40 mN/M. A fluid coating (6) is solidified on the surface of the web material.

IPC 1-7  
**B05D 1/30**; **B05D 7/00**

IPC 8 full level  
**B05D 1/30** (2006.01); **B05D 7/00** (2006.01)

CPC (source: EP US)  
**B05D 1/305** (2013.01 - EP US); **B05D 7/5885** (2013.01 - EP US)

Citation (search report)

- [X] WO 9623595 A1 19960808 - MINNESOTA MINING & MFG [US]
- [XDY] DE 10033056 A1 20010301 - MITSUBISHI PAPER MILLS LTD [JP]
- [Y] WO 0170418 A1 20010927 - AVERY DENNISON CORP [US]
- [Y] EP 0581962 A1 19940209 - KONISHIROKU PHOTO IND [JP]

Cited by  
WO2011054452A1; DE102009050898A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1375014 A2 20040102**; **EP 1375014 A3 20041006**; **EP 1375014 B1 20070124**; AT E352382 T1 20070215; DE 10227789 A1 20040122; DE 10227789 B4 20090108; DE 50306351 D1 20070315; ES 2280719 T3 20070916; JP 2004025179 A 20040129; US 2003235657 A1 20031225

DOCDB simple family (application)  
**EP 03405398 A 20030603**; AT 03405398 T 20030603; DE 10227789 A 20020621; DE 50306351 T 20030603; ES 03405398 T 20030603; JP 2003176283 A 20030620; US 46590703 A 20030619