

Title (en)
Coating apparatus and method

Title (de)
Vorrichtung und Verfahren zum Beschichten

Title (fr)
Appareil et méthode d'enduction

Publication
EP 0530752 B1 19990113 (EN)

Application
EP 92114937 A 19920901

Priority
JP 24647691 A 19910902

Abstract (en)
[origin: EP0530752A1] In a coating method in which a coating solution supplied from a coating nozzle is applied to a belt-shaped flexible support which is run continuously while being supported on a backup roller; the support is heated to 35 DEG C to 45 DEG C and the surface potential of the support on the backup roller set to 0.5 to 2 kV before it is coated with the coating solution, whereby even in the case where the surface of the web is relatively low in the number of polar groups, a relatively high potential can be uniformly provided on the surface of the web, and the critical coating speed can be greatly increased. <IMAGE>

IPC 1-7
G03C 1/74; **B05D 3/14**

IPC 8 full level
B05D 1/26 (2006.01); **B05D 1/00** (2006.01); **B05D 3/02** (2006.01); **B05D 3/14** (2006.01); **B05D 7/00** (2006.01); **B05D 7/04** (2006.01); **C08J 7/04** (2006.01); **G03C 1/74** (2006.01); **G03G 5/05** (2006.01)

CPC (source: EP)
B05D 1/007 (2013.01); **B05D 3/144** (2013.01); **G03C 1/74** (2013.01); **B05D 1/26** (2013.01); **B05D 3/0218** (2013.01); **B05D 2252/02** (2013.01); **G03C 1/915** (2013.01); **G03C 2001/7418** (2013.01)

Cited by
US6716286B2; EP0945756A1; US6040109A; US6127003A; US6177141B1; US5609923A; EP0836117A3; US6511711B2; WO03064766A3; US6305854B1; US6572516B2; US6475572B2; US6666918B2; US6368675B1

Designated contracting state (EPC)
DE NL

DOCDB simple family (publication)
EP 0530752 A1 19930310; **EP 0530752 B1 19990113**; DE 69228160 D1 19990225; DE 69228160 T2 19990520; JP 2835659 B2 19981214; JP H0561151 A 19930312

DOCDB simple family (application)
EP 92114937 A 19920901; DE 69228160 T 19920901; JP 24647691 A 19910902