

Title (en)
PROCESSES FOR FORMING THIN, DURABLE COATINGS OF ION-CONTAINING POLYMERS ON SELECTED SUBSTRATES

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER DÜNNEN HALTBAREN IONENTHALTENDEN POLYMERBESCHICHTUNG AUF EINEM AUSGEWÄHLTEN SUBSTRAT

Title (fr)
PROCEDE DE FORMATION DE REVETEMENTS MINCES DURABLES CONSTITUES DE POLYMERES CONTENANT DES IONS SUR DES SUBSTRATS SELECTIONNES

Publication
EP 0750531 A1 19970102 (EN)

Application
EP 95913739 A 19950314

Priority

- US 9503327 W 19950314
- US 21339794 A 19940314

Abstract (en)
[origin: WO9524976A1] Non-evaporative processes for coating ion-containing polymers onto selected substrates and the articles made thereby, which processes fundamentally comprise contacting a substrate with a dispersion or solution of an ion-containing polymer and especially a solventless dispersion of a perfluorosulfonic acid ionomer, and thereafter contacting the dispersion- or solution-wetted substrate with a solution of a salt or of a strongly ionizing acid of a sufficient concentration to cause an adherent coating of the ion-containing polymer to be formed on the substrate.

IPC 1-7
B05D 3/10; B05D 1/18; D06M 15/256; D06M 15/353; D06M 13/265; D06M 13/256; D06M 15/356

IPC 8 full level
B05D 1/18 (2006.01); **B05D 3/10** (2006.01); **D06M 13/02** (2006.01); **D06M 13/244** (2006.01); **D06M 13/256** (2006.01); **D06M 13/265** (2006.01); **D06M 15/19** (2006.01); **D06M 15/227** (2006.01); **D06M 15/233** (2006.01); **D06M 15/256** (2006.01); **D06M 15/263** (2006.01); **D06M 15/353** (2006.01); **D06M 15/356** (2006.01)

CPC (source: EP KR)
B05D 1/185 (2013.01 - EP); **B05D 3/10** (2013.01 - KR); **B05D 3/107** (2013.01 - EP); **B82Y 30/00** (2013.01 - EP); **B82Y 40/00** (2013.01 - EP); **D06M 13/256** (2013.01 - EP); **D06M 13/265** (2013.01 - EP); **D06M 15/195** (2013.01 - EP); **D06M 15/227** (2013.01 - EP); **D06M 15/233** (2013.01 - EP); **D06M 15/256** (2013.01 - EP); **D06M 15/263** (2013.01 - EP); **D06M 15/353** (2013.01 - EP); **D06M 15/356** (2013.01 - EP)

Citation (search report)
See references of WO 9524976A1

Designated contracting state (EPC)
BE DE ES FR GB IT NL

DOCDB simple family (publication)
WO 9524976 A1 19950921; AU 2101295 A 19951003; BR 9507417 A 19970923; CA 2185554 A1 19950921; CN 1146168 A 19970326; EP 0750531 A1 19970102; JP H09510391 A 19971021; KR 100372622 B1 20030618; KR 970701595 A 19970412; NO 963862 D0 19960913; NO 963862 L 19961113

DOCDB simple family (application)
US 9503327 W 19950314; AU 2101295 A 19950314; BR 9507417 A 19950314; CA 2185554 A 19950314; CN 95192608 A 19950314; EP 95913739 A 19950314; JP 52419295 A 19950314; KR 19960705127 A 19960914; NO 963862 A 19960913