

Title (en)

Process for the production of coated cellulose cardboard, coating composition and coated cellulose cardboard so obtained

Title (de)

Verfahren zur Herstellung von beschichtetem cellulosischen Karton, Beschichtungszusammensetzung und so erhaltener beschichteter cellulosischer Karton

Title (fr)

Procede de fabrication de carton cellulosic couche, sauce de couchage et papier couche ainsi obtenu

Publication

EP 1114894 A1 20010711 (EN)

Application

EP 01100339 A 20010104

Priority

IT MI200000004 A 20000105

Abstract (en)

A process for the production of coated cellulose cardboard comprises the following steps: providing a substrate of cellulose cardboard, applying on said substrate a coating composition comprising: at least an acrylic monomer and/or prepolymer, a covering/waterproofing means a solvent/dispersing means a catalyst/quenching agent a graft initiating/regenerating system allowing graft polymerization to occur on the cellulose material forming the cardboard substrate.

IPC 1-7

D21H 25/04; **D21H 19/16**; **D21H 19/18**; **D21H 23/22**

IPC 8 full level

D21H 19/16 (2006.01); **D21H 25/06** (2006.01)

CPC (source: EP)

D21H 19/16 (2013.01); **D21H 25/06** (2013.01)

Citation (applicant)

- EP 0393451 A1 19901024 - NEUSIEDLER AG [AT]
- JP 2985363 B2 19991129
- JP S59116495 A 19840705 - MITSUBISHI RAYON CO

Citation (search report)

- [X] EP 0393451 A1 19901024 - NEUSIEDLER AG [AT]
- [A] DE 2908271 A1 19800911 - RIGIPS BAUSTOFFWERKE GMBH
- [A] US 5187000 A 19930216 - CHOW SUEZONE [CA], et al
- [XY] DATABASE WPI Section Ch Week 198433, Derwent World Patents Index; Class A82, AN 1984-204089, XP002162113
- [Y] DATABASE WPI Section Ch Week 200002, Derwent World Patents Index; Class A18, AN 1993-011297, XP002162114
- [A] DATABASE WPI Section Ch Week 199111, Derwent World Patents Index; Class A96, AN 1991-077451, XP002162115
- [A] DATABASE WPI Section Ch Week 198206, Derwent World Patents Index; Class A14, AN 1982-10726E, XP002162116
- [A] DATABASE WPI Section Ch Week 199743, Derwent World Patents Index; Class A14, AN 1997-466514, XP002162117

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 1114894 A1 20010711; IT 1317717 B1 20030715; IT MI200000004 A0 20000105; IT MI200000004 A1 20010705

DOCDB simple family (application)

EP 01100339 A 20010104; IT MI200000004 A 20000105