

Title (en)
Paper or cardboard

Title (de)
Papier oder Karton

Title (fr)
Papier ou carton

Publication
EP 0671506 B1 19961211 (DE)

Application
EP 95102711 A 19950224

Priority
DE 4407878 A 19940309

Abstract (en)
[origin: EP0671506A2] The paper or cardboard (1) has an undercoat (2) in a coating mass composed of water, amorphous silicon oxide, aluminium oxide, PVA and a copolymer of styrene, butadiene and acrylonitrile. Alternatively it is composed of water, silicic acid or precipitated silicic acid, PVA and a copolymer of styrene, butadiene and acrylonitrile. The covering layer (3) is a coated mass of water with a copolymer of styrene and butadiene modified with carnauba and paraffin wax, an ethylene/methacrylic acid dispersion and polyvinyl acetate. It can use carboxylated styrene-butadiene or styrene-acrylate copolymer dispersion.

IPC 1-7
D21H 19/82

IPC 8 full level
D21H 19/18 (2006.01); **D21H 19/20** (2006.01); **D21H 19/38** (2006.01); **D21H 19/40** (2006.01); **D21H 19/54** (2006.01); **D21H 19/56** (2006.01); **D21H 19/82** (2006.01); **D21H 19/84** (2006.01)

CPC (source: EP US)
D21H 19/18 (2013.01 - EP US); **D21H 19/20** (2013.01 - EP US); **D21H 19/385** (2013.01 - EP US); **D21H 19/40** (2013.01 - EP US); **D21H 19/54** (2013.01 - EP US); **D21H 19/56** (2013.01 - EP US); **D21H 19/826** (2013.01 - EP US); **D21H 19/84** (2013.01 - EP US); **Y10T 428/1303** (2015.01 - EP US); **Y10T 428/1379** (2015.01 - EP US); **Y10T 428/1383** (2015.01 - EP US); **Y10T 428/24851** (2015.01 - EP US); **Y10T 428/24934** (2015.01 - EP US); **Y10T 428/277** (2015.01 - EP US); **Y10T 428/3188** (2015.04 - EP US); **Y10T 428/31895** (2015.04 - EP US); **Y10T 428/31906** (2015.04 - EP US); **Y10T 428/31909** (2015.04 - EP US); **Y10T 428/31924** (2015.04 - EP US); **Y10T 428/31931** (2015.04 - EP US); **Y10T 428/31935** (2015.04 - EP US); **Y10T 428/31993** (2015.04 - EP US)

Cited by
EP0761876A1; EP0754801A3; EP0754800A3; CN107059475A; EP0718437A1; US5989724A; US6548120B1; WO2022049286A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0671506 A2 19950913; **EP 0671506 A3 19960403**; **EP 0671506 B1 19961211**; AT E146242 T1 19961215; DE 4407878 A1 19950914; DE 4407878 C2 19960704; DE 59500058 D1 19970123; ES 2097664 T3 19970401; FI 951108 A0 19950309; FI 951108 A 19950910; US 5773131 A 19980630

DOCDB simple family (application)
EP 95102711 A 19950224; AT 95102711 T 19950224; DE 4407878 A 19940309; DE 59500058 T 19950224; ES 95102711 T 19950224; FI 951108 A 19950309; US 40092295 A 19950309