

Title (en)

Papers and cardboard products suitable for laser marking

Title (de)

Lasermarkierbare Papiere und Kartonagen

Title (fr)

Papiers et cartons marquables par laser

Publication

**EP 0894896 A3 20000510 (DE)**

Application

**EP 98113240 A 19980716**

Priority

DE 19732860 A 19970730

Abstract (en)

[origin: EP0894896A2] Paper and cardboard suitable for laser marking contains micronised linear aromatic polyester and/or linear polyarylene with a particle size of 0.1-100  $\mu\text{m}$  as absorbent (I) and carbon source. Also claimed is a method of making the materials.

IPC 1-7

**D21H 21/14**; **D21H 21/52**; **B41M 1/36**; **B41M 5/00**

IPC 8 full level

**B41M 5/26** (2006.01); **D21H 17/46** (2006.01); **D21H 17/53** (2006.01); **D21H 19/24** (2006.01); **D21H 21/22** (2006.01); **D21H 21/40** (2006.01); **D21H 21/48** (2006.01); **D21H 21/50** (2006.01); **D21H 21/52** (2006.01); **D21H 17/56** (2006.01); **D21H 19/42** (2006.01); **D21H 19/62** (2006.01)

CPC (source: EP US)

**B41M 5/267** (2013.01 - EP US); **D21H 21/22** (2013.01 - EP US); **D21H 21/52** (2013.01 - EP US); **D21H 17/53** (2013.01 - EP US); **D21H 17/56** (2013.01 - EP US); **D21H 19/42** (2013.01 - EP US); **D21H 19/62** (2013.01 - EP US); **D21H 21/40** (2013.01 - EP US); **Y10T 428/254** (2015.01 - EP US); **Y10T 428/31786** (2015.04 - EP US); **Y10T 428/31855** (2015.04 - EP US)

Citation (search report)

- [A] DE 19500195 A1 19960711 - BAYER AG [DE]
- [A] GB 2284829 A 19950621 - CIBA GEIGY AG [CH]

Cited by

EP2075375A1; FR2992256A1; CN108505397A; EP1800885A4; EP2468524A1; EP4238689A1; US9045619B2; US10066075B2; US9982157B2; US8461075B2; US8865620B2; WO2014002014A3; WO2009059888A1; WO2023165960A1; US9498999B2

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