

Title (en)

LASER-TRANSFER FILM FOR PERMANENTLY LABELING COMPONENTS

Title (de)

LASER-TRANSFERFOLIE ZUM DAUERHAFTEN BESCHRIFTEN VON BAUTEILEN

Title (fr)

FILM DE TRANSFERT PAR LASER POUR ETIQUETAGE DURABLE D'ELEMENTS CONSTITUTIFS

Publication

**EP 1449186 B1 20110831 (DE)**

Application

**EP 02781201 A 20021002**

Priority

- DE 10152073 A 20011025
- EP 0211023 W 20021002

Abstract (en)

[origin: WO03035411A2] The invention relates to a laser-transfer film for permanently labeling components, comprising at least one substrate layer with an adhesive layer being present at least in areas of the underside of said substrate layer. According to the invention, a pigment layer is applied to at least some areas of the substrate layer and/or adhesive layer and contains at least one laser-sensitive pigment.

IPC 8 full level

**G09F 3/02** (2006.01); **B23K 26/00** (2006.01); **B32B 7/06** (2006.01); **B32B 7/12** (2006.01); **B32B 27/18** (2006.01); **B32B 27/36** (2006.01); **B41M 5/26** (2006.01); **B44C 1/17** (2006.01); **C09J 7/02** (2006.01); **G03F 7/11** (2006.01); **G03F 7/34** (2006.01)

IPC 8 main group level

**B44C** (2006.01)

CPC (source: EP US)

**B41M 5/0041** (2013.01 - EP US); **B41M 5/007** (2013.01 - EP US); **B41M 5/0052** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**WO 03035411 A2 20030501**; **WO 03035411 A3 20031023**; AT E522898 T1 20110915; AU 2002349320 A1 20030506; DE 10152073 A1 20030508; EP 1449186 A2 20040825; EP 1449186 B1 20110831; ES 2370814 T3 20111223; US 2003104309 A1 20030605; US 6764803 B2 20040720

DOCDB simple family (application)

**EP 0211023 W 20021002**; AT 02781201 T 20021002; AU 2002349320 A 20021002; DE 10152073 A 20011025; EP 02781201 A 20021002; ES 02781201 T 20021002; US 98851001 A 20011120