

Title (en)

USE OF A HEAT-SENSITIVE RECORDING MATERIAL AS A LABEL

Title (de)

VERWENDUNG EINES WÄRMEEMPFINDLICHEN AUFZEICHNUNGSMATERIALS ALS ETIKETT

Title (fr)

UTILISATION D'UN MATERIAU D'IMPRESSION THERMOSENSIBLE EN TANT QU'ETIQUETTE

Publication

EP 1056602 A1 20001206 (DE)

Application

EP 99913163 A 19990213

Priority

- DE 19806433 A 19980217
- EP 9900964 W 19990213

Abstract (en)

[origin: US6623852B1] A heat-sensitive recording material, comprising a layer support, on whose front face a heat-sensitive recording layer is arranged, containing a colorant precursor and a colorant acceptor which undergoes a colorant formation reaction when it comes into contact with the colorant precursor, an intermediate layer arranged between the layer support and heat-sensitive recording layer, a protective layer that is free from compounds containing silicone, is hardened by actinic radiation and covers the heat-sensitive recording layer and a self-adhesive layer arranged on the back of the layer support, is used as a label material which can be wound on a roll and printed by the offset or flexographic printing process and in which the self-adhesive layer is in contact with the protective layer in the roll.

IPC 1-7

B41M 5/40

IPC 8 full level

B41M 5/337 (2006.01); **B41M 5/40** (2006.01); **B41M 5/44** (2006.01); **G09F 3/02** (2006.01); **B41M 5/42** (2006.01)

CPC (source: EP US)

B41M 5/44 (2013.01 - EP US); **G09F 3/02** (2013.01 - EP US); **B41M 5/42** (2013.01 - EP US); **Y10T 428/28** (2015.01 - EP US); **Y10T 428/2848** (2015.01 - EP US)

Citation (search report)

See references of WO 9942298A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6623852 B1 20030923; AT E217583 T1 20020615; DE 19806433 A1 19990819; DE 19806433 B4 20041111; DE 59901445 D1 20020620; EP 1056602 A1 20001206; EP 1056602 B1 20020515; ES 2177266 T3 20021201; JP 2002503573 A 20020205; NO 20000768 D0 20000216; NO 20000768 L 20000324; WO 9942298 A1 19990826

DOCDB simple family (application)

US 62249400 A 20000817; AT 99913163 T 19990213; DE 19806433 A 19980217; DE 59901445 T 19990213; EP 9900964 W 19990213; EP 99913163 A 19990213; ES 99913163 T 19990213; JP 2000532280 A 19990213; NO 20000768 A 20000216