

Title (en)
Laminated article for identification purposes.

Title (de)
Schichtpressartikel Laminat für Identifizierungszwecke.

Title (fr)
Article laminé pour des fins d'identification.

Publication
EP 0400220 B1 19940831 (EN)

Application
EP 89201383 A 19890531

Priority
EP 89201383 A 19890531

Abstract (en)
[origin: EP0400220A1] A laminated article containing visible information which article comprises two plastic resin sheets or layers at least one of which is transparent and having laminated inbetween at least one hydrophilic colloid layer containing photographically produced information and carrying or containing thermochromic liquid crystals of the cholesteric type in the form of a pattern or an indicium that can be made visible or obtains a change in colour by heating above 25 DEG C, said liquid crystals being arranged against a contrasting background having an optical density of at least 0.2 in its spectral absorption range.

IPC 1-7
B42D 15/02; G03C 8/42; B41M 3/14; B41M 5/28

IPC 8 full level
B32B 7/02 (2006.01); **B32B 9/00** (2006.01); **B41M 3/14** (2006.01); **B41M 5/28** (2006.01); **B42D 15/10** (2006.01); **C09K 3/00** (2006.01); **G03C 8/42** (2006.01)

CPC (source: EP US)
B41M 3/14 (2013.01 - EP); **B41M 5/281** (2013.01 - EP); **B42D 25/23** (2014.10 - EP); **B42D 25/36** (2014.10 - EP); **B42D 25/364** (2014.10 - EP); **B42D 25/42** (2014.10 - EP); **B42D 25/45** (2014.10 - US); **G03C 8/423** (2013.01 - EP)

Cited by
EP3045321A1; US5678863A; US6685094B2; CN1072562C; EP0608078A1; EP0600307A1; FR2698321A1; US5413822A; US7637537B2; WO9402329A1; WO2010115809A1; WO2014184482A1; US9744789B2; US10239336B2

Designated contracting state (EPC)
BE DE FR GB

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 89201383 A 19890531; DE 68917916 T 19890531; JP 14124090 A 19900529