

Title (en)
THERMAL DYE RIBBON AND METHOD OF PREPARATION

Publication
EP 0352525 B1 19930421 (DE)

Application
EP 89112424 A 19890707

Priority
DE 3825438 A 19880727

Abstract (en)
[origin: EP0352525A2] A thermal ink ribbon, especially a thermal carbon ribbon, is described which has a conventional support and a layer of a melt-on ink formed on one side of the support, a separating layer being provided between the surface of the support and the layer of melt-on ink. The special characteristic of this thermal ink ribbon is that the separating layer contains water-releasing agents dispersed in a binder. Such a thermal ink ribbon is distinguished in that the melt-on ink can be readily and completely detached in the area of the embossed thermal symbol during the thermal printing process.

IPC 1-7
B41M 5/26

IPC 8 full level
B41J 31/00 (2006.01); **B41M 5/26** (2006.01); **B41M 5/382** (2006.01); **B41M 5/42** (2006.01); **B41M 5/40** (2006.01); **B41M 5/44** (2006.01)

CPC (source: EP US)
B41M 5/42 (2013.01 - EP US); **B41M 5/426** (2013.01 - EP US); **B41M 5/44** (2013.01 - EP US); **B41M 2205/30** (2013.01 - EP US)

Cited by
EP0513800A1

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

DOCDB simple family (publication)
EP 0352525 A2 19900131; **EP 0352525 A3 19901107**; **EP 0352525 B1 19930421**; AT E88416 T1 19930515; DE 3825438 A1 19900215; DE 3825438 C2 19900705; DE 58904121 D1 19930527; JP H0274375 A 19900314; JP H0775900 B2 19950816; US 5106217 A 19920421

DOCDB simple family (application)
EP 89112424 A 19890707; AT 89112424 T 19890707; DE 3825438 A 19880727; DE 58904121 T 19890707; JP 19278489 A 19890727; US 55379489 A 19890726