

Title (en)
TRANSFER PRINTING PROCESS

Publication
EP 0110220 A3 19860625 (DE)

Application
EP 83111318 A 19831112

Priority
• DE 3244355 A 19821201
• DE 3310432 A 19830323

Abstract (en)
[origin: US4664672A] A process for transfer printing onto solid substrates made of plastics or having a surface layer of varnish or plastic is described. According to the invention described a sheet dye carrier at a temperature suitable for dye transfer is pressed to a preferably preheated surface and/or to a limited area of the surface to be printed by means of superatmospheric gas pressure, in particular by means of a flowing gas. Additionally the surface to be printed is maintained at a temperature below the thermoplastic range during the transfer process.

IPC 1-7
B41M 5/02

IPC 8 full level
B41M 5/035 (2006.01)

CPC (source: EP US)
B41M 5/0358 (2013.01 - EP US)

Citation (search report)
• [X] DE 2837166 A1 19800306 - KLEINEWEFERS GMBH
• [A] DE 2628676 B1 19771110 - KLEINEWEFERS IND CO GMBH
• [A] DE 2355667 A1 19750522 - LUDOWICI MICHAEL CHRISTIAN
• [A] DE 2364639 A1 19750626 - R G S PATTERN BOOK CO LTD
• [Y] DE 2250940 A1 19740502 - VEPA AG
• [Y] IBM TECHNICAL DISCLOSURE BULLETIN, Band 24, Nr. 12, Mai 1982, Seite 6512, New York, US; R.L. KAFTAN et al.: "Sublimation transfer with silicone"

Cited by
DE4191525C2; BE1014860A3; DE4007369A1; US5214022A; GB2175852A; GB2175852B; BE1012584A3; EP0218168A3; US8726964B2;
US7337722B2; WO03101749A1; WO2007129210A3; WO0061376A1; WO9513923A1

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

DOCDB simple family (publication)
EP 0110220 A2 19840613; EP 0110220 A3 19860625; EP 0110220 B1 19880824; DE 3377781 D1 19880929; US 4664672 A 19870512

DOCDB simple family (application)
EP 83111318 A 19831112; DE 3377781 T 19831112; US 83831286 A 19860310