

Title (en)  
METHOD OF PRINTING AND CORRESPONDING PRINT MACHINE

Title (de)  
DRUCKVERFAHREN UND DRUCKMASCHINE HIERFÜR

Title (fr)  
PROCEDE D'IMPRESSION ET MACHINE D'IMPRESSION ASSOCIEE

Publication  
**EP 1268211 A1 20030102 (DE)**

Application  
**EP 01940100 A 20010328**

Priority  
• DE 0101201 W 20010328  
• DE 10015786 A 20000330  
• DE 10051850 A 20001019

Abstract (en)  
[origin: WO0172518A1] The invention relates to a printing method, for the transfer of printing substances (8), from a colour support (2), onto a printing substrate, whereby the printing substance undergoes a volume- and/or position-change, by means of an induced process of an energy-releasing device and, thus, the transfer of a printed point, onto the printing substrate occurs. The aim of the invention is to provide a printing method and printing device, operable with low energy requirement, easily refillable with the printing substance and, furthermore, overcoming the difficulties above, whereby the printing substance (8) is coated on the colour support, forming an essentially complete film.

IPC 1-7  
**B41J 2/005; B41M 5/38**

IPC 8 full level  
**B41J 2/005** (2006.01); **B41J 2/475** (2006.01); **B23K 26/064** (2014.01); **B23K 26/067** (2006.01); **B23K 26/082** (2014.01); **B41J 2/47** (2006.01); **B41M 5/00** (2006.01); **B41M 5/382** (2006.01); **B41M 5/46** (2006.01)

CPC (source: EP US)  
**B41J 2/0057** (2013.01 - EP US); **B41J 2/471** (2013.01 - EP US); **B41M 5/38221** (2013.01 - EP US); **B41M 2205/08** (2013.01 - EP)

Citation (search report)  
See references of WO 0172518A1

Cited by  
WO2019154826A1; EP3660085A1; WO2019214766A1; US11613803B2; EP2955981A1; WO2015189432A1; EP3660087A1; WO2022122945A1; WO2019154980A1; EP3659728A1; EP3659989A1; WO2020108821A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0172518 A1 20011004**; AT E350220 T1 20070115; AU 7381601 A 20011008; CA 2404328 A1 20020930; CA 2404328 C 20100216; DE 10191123 D2 20030605; DE 50111796 D1 20070215; EP 1268211 A1 20030102; EP 1268211 B1 20070103; JP 2003528751 A 20030930; JP 4353452 B2 20091028; US 2003156178 A1 20030821; US 7137697 B2 20061121

DOCDB simple family (application)  
**DE 0101201 W 20010328**; AT 01940100 T 20010328; AU 7381601 A 20010328; CA 2404328 A 20010328; DE 10191123 T 20010328; DE 50111796 T 20010328; EP 01940100 A 20010328; JP 2001570451 A 20010328; US 24030103 A 20030211