

Title (en)  
Device and method for ink transfer

Title (de)  
Verfahren und Vorrichtungen zur Übertragung von Druckfarbe

Title (fr)  
Dispositif et procédé pour le transfert de l'encre

Publication  
**EP 0759582 A3 19980415 (DE)**

Application  
**EP 96112576 A 19960803**

Priority  
DE 19530284 A 19950817

Abstract (en)  
[origin: EP0759582A2] The method involves transferring ink from an intermediate medium (30), to which the ink adheres in granular form, onto a further intermediate medium (31) or substrate (34). The ink is melted onto the intermediate medium from the remote side of the medium before transfer to the further intermediate medium. Where the ink adheres to the intermediate medium in an at least partially liquid state, its adhesion to the intermediate medium is reduced by a separating agent before and/or during its transfer from the intermediate medium to the further intermediate medium or substrate.

IPC 1-7  
**G03G 15/16**

IPC 8 full level  
**B41M 1/00** (2006.01); **B41M 1/04** (2006.01); **B41N 10/02** (2006.01); **G03G 15/10** (2006.01); **G03G 15/16** (2006.01)

CPC (source: EP US)  
**B41M 1/00** (2013.01 - EP US); **G03G 15/169** (2013.01 - EP US)

Citation (search report)  
• [XAY] US 5110702 A 19920505 - NG YEE S [US], et al  
• [A] US 5233397 A 19930803 - TILL HENRY R [US]  
• [A] US 3893761 A 19750708 - BUCHAN WILLIAM R, et al  
• [XAY] EP 0297721 A1 19890104 - XEROX CORP [US]  
• [A] US 5150161 A 19920922 - BUJESSE DAVID P [US]  
• [YPA] PATENT ABSTRACTS OF JAPAN vol. 096, no. 007 31 July 1996 (1996-07-31)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 267 (P - 1543) 25 May 1993 (1993-05-25)  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 013, no. 215 (P - 874) 19 May 1989 (1989-05-19)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 341 (P - 1565) 28 June 1993 (1993-06-28)

Designated contracting state (EPC)  
DE ES FR GB NL

DOCDB simple family (publication)  
**DE 19530284 A1 19970220; DE 19530284 C2 20001214; AU 6210196 A 19970220; AU 723381 B2 20000824; CN 1061001 C 20010124; CN 1144160 A 19970305; DE 59609119 D1 20020529; EP 0759582 A2 19970226; EP 0759582 A3 19980415; EP 0759582 B1 20020424; ES 2176381 T3 20021201; JP H09109541 A 19970428; US 6386696 B1 20020514**

DOCDB simple family (application)  
**DE 19530284 A 19950817; AU 6210196 A 19960816; CN 96109441 A 19960819; DE 59609119 T 19960803; EP 96112576 A 19960803; ES 96112576 T 19960803; JP 21483796 A 19960814; US 69945996 A 19960819**