

Title (en)
TEXTILE PRINTING SUBSTRATE

Title (de)
TEXTILDRUCKTRÄGER

Title (fr)
SUBSTRAT D'IMPRESSION TEXTILE

Publication
EP 1446282 A4 20060802 (EN)

Application
EP 02759509 A 20020827

Priority
• US 0227759 W 20020827
• US 94392001 A 20010831
• US 94391901 A 20010831

Abstract (en)
[origin: WO03020502A1] A textile substrate is treated with a composition having a dye fixing agent and an ink receiving agent, for the subsequent printing with an ink jet printer. The dye fixing agent includes a reactive amino compound which chemically bonds with the textile substrate. A resin binder can also be used where the dye fixing agent does not provide an adequate bond to the textile substrate, a resin binder can be used to bond with the textile substrate and the dye fixing agent can bond with the resin binder. The ink receiving agent comprises inorganic particles such as bohemite alumina or silica gel.

IPC 1-7
B32B 3/00; **B32B 5/16**; **B32B 7/00**; **D21H 11/00**; **D21H 13/00**

IPC 8 full level
B41J 2/01 (2006.01); **D06P 5/00** (2006.01); **D06P 5/30** (2006.01); **D06P 1/52** (2006.01); **D06P 1/645** (2006.01); **D06P 1/673** (2006.01)

CPC (source: EP)
D06P 5/30 (2013.01); **D06P 1/5278** (2013.01); **D06P 1/645** (2013.01); **D06P 1/673** (2013.01); **D06P 1/6735** (2013.01); **D06P 1/67383** (2013.01)

Citation (search report)
• [A] US 5683784 A 19971104 - NAKAO TAKUYA [JP], et al
• See references of WO 03020502A1

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

DOCDB simple family (publication)
WO 03020502 A1 20030313; AU 2002324841 B2 20061123; CA 2455905 A1 20030313; EP 1446282 A1 20040818; EP 1446282 A4 20060802; JP 2005501977 A 20050120; NZ 531458 A 20051125

DOCDB simple family (application)
US 0227759 W 20020827; AU 2002324841 A 20020827; CA 2455905 A 20020827; EP 02759509 A 20020827; JP 2003524792 A 20020827; NZ 53145802 A 20020827