

Title (en)
IMAGE-RECEIVING MATERIAL.

Title (de)
BILDEMPfangSMATERIAL.

Title (fr)
MATERIAU RECEPTEUR D'IMAGES.

Publication
EP 0162930 A4 19871027 (EN)

Application
EP 84904178 A 19841122

Priority
JP 22104783 A 19831124

Abstract (en)
[origin: EP0162930A1] An image-receiving material for use in an image-forming process using as an inking material a dye capable of forming color when adsorbed on an electron-accepting substance, which comprises a substrate having provided thereon a color-developing layer containing silica as a main agent for developing color of the dye. The use of silica as color-developing agent improves transparency of the color-forming layer and provides a clear image having a high coloration density.

IPC 1-7
B41M 5/12; **B41M 5/18**; **B41M 5/22**

IPC 8 full level
B41M 5/155 (2006.01); **B41M 5/382** (2006.01); **B41M 5/50** (2006.01); **B41M 5/52** (2006.01)

CPC (source: EP)
B41M 5/1555 (2013.01)

Citation (search report)

- [X] US 4089547 A 19780516 - BRYNKO CARL, et al
- [X] US 3870435 A 19750311 - WATANABE AKIO, et al
- [X] DE 3237381 A1 19830714 - MITSUBISHI PAPER MILLS LTD [JP]
- [A] DE 3303427 A1 19830811 - CANON KK [JP]
- [X] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 193 (M-238)[1338], 24th August 1983; & JP - A - 58 094 491 (MITSUBISHI SEISHI K.K.) 04-06-1983
- [X] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 165 (M-230)[1310], 20th July 1983; & JP - A - 58 072 495 (JIYUUJIYOU SEISHI K.K.) 30-04-1983
- [X] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 92 (M-208)[1237], 16th April 1983; & JP - A - 58 016 884 (CANON K.K.) 31-01-1983
- [X] CHEMICAL ABSTRACTS, vol. 96, no. 24, June 1982, page 606, abstract no. 208425g, Columbus, Ohio, US; & JP - A - 56 148 583 (CANON K.K.) 18-11-1981
- [X] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 227 (M-248)[1372], 7th October 1983; & JP - A - 58 119 888 (CANON K.K.) 16-07-1983
- [X] PATENT ABSTRACTS OF JAPAN, vol. 6, no. 263 (M-181)[1141], 22nd December 1982; & JP - A - 57 157 786 (MITSUBISHI SEISHI K.K.) 29-09-1982
- [X] PATENT ABSTRACTS OF JAPAN, vol. 6, no. 33 (M-114)[911], 27th February 1982; & JP - A - 56 148 586 (CANON K.K.) 18-11-1981
- [X] PATENT ABSTRACTS OF JAPAN, vol. 4, no. 94 (M-19)[576], 8th July 1980; & JP - A - 55 051 583 (RICOH K.K.) 15-04-1980
- See references of WO 8502375A1

Cited by
EP0487349A1; WO0041889A1

Designated contracting state (EPC)
DE FR GB

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DOCDB simple family (application)
EP 84904178 A 19841122; DE 3483041 T 19841122; JP 22104783 A 19831124; JP 8400559 W 19841122