

Title (en)

Process for the production of a printing plate by inkjet

Title (de)

Verfahren zur Herstellung einer Druckform mittels Tintenstrahlverfahren

Title (fr)

Procédé pour la fabrication d'une plaque d'impression par jet d'encre

Publication

EP 0697282 A1 19960221 (EN)

Application

EP 95201286 A 19950517

Priority

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- EP 94201994 A 19940711

Abstract (en)

Process for the manufacture of a lithographic printing plate comprising the steps of : (1) information-wise projecting droplets of liquid, onto a receiving material having a hydrophilic surface to form a silver image by bringing into working relationship on said hydrophilic surface a reducible silver compound (A), a reducing agent (B) for said silver compound and physical development nuclei (C) that catalyze the reduction of said silver compound to silver metal, and (2) hydrophobizing the silver image that has been obtained through said step (1) e.g. by overall contacting the printing surface with a hydrophobizing substance for said silver image or hydrophobizing said silver image by imagewise depositing said hydrophobizing substance thereon.

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B41C 1/10; **G03C 1/498**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XY] FR 2101986 A5 19720331 - MINNESOTA MINING & MFG
- [Y] EP 0598926 A1 19940601 - KUFSTEIN SCHABLONENTECH GMBH [AT]
- [Y] DE 4119111 A1 19921217 - INST GRAFISCHE TECHNIK ZENTRAL [DE]
- [A] FR 2294843 A1 19760716 - XEROX CORP [US]
- [A] US 3767414 A 19731023 - HUFFMAN W, et al
- [A] US 3679414 A 19720725 - MUKHERJEE JOAN M W
- [X] WO 9311468 A1 19930610 - AGFA GEVAERT NV [BE]
- [PX] EP 0641670 A1 19950308 - AGFA GEVAERT NV [BE]
- [A] C.J. SAMBUCETTI WT AL.: "Chemical Mist printing", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 2020, no. 112, NEW YORK US, pages 5423 - 5424

Cited by

EP1142708A1; EP1280664A4; WO2005105463A1; US7044053B2; US11504770B2; US7078153B2; US6899030B2; WO2004016428A2; FR2843558A1; US6906019B2; US11077664B2; US11673289B2

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