

Title (en)

Ink jet recording element and printing method

Title (de)

Tintenstrahl-Aufzeichnungselement und -Druckverfahren

Title (fr)

Matériau pour l'enregistrement au jet d'encre et procédé d'impression

Publication

EP 1176029 A3 20030716 (EN)

Application

EP 01202701 A 20010716

Priority

- US 62675200 A 20000727
- US 62705200 A 20000727

Abstract (en)

[origin: EP1176029A2] An ink jet recording element comprising a support having thereon an image-receptive layer capable of accepting an ink jet image comprising an open-pore membrane of a mixture of a water-insoluble polymer and a water-absorbent polymer, the mixture containing at least 25% by weight of the water-absorbent polymer, the image-receiving layer being made by dissolving the mixture of polymers in a solvent mixture, the solvent mixture comprising at least one solvent which is a good solvent for the water-insoluble polymer and at least one poor solvent for the water-insoluble polymer, the poor solvent having a higher boiling point than the good solvent, coating the dissolved mixture on the support, and then drying to remove approximately all of the solvents to obtain the open-pore membrane.

IPC 1-7

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CPC (source: EP)

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Citation (search report)

- [XD] EP 0940427 A1 19990908 - IMATION CORP [US]
- [Y] EP 0889080 A1 19990107 - DAICEL CHEM [JP]
- [YD] US 5374475 A 19941220 - WAECHLI PETER C [CH]
- [Y] EP 0156532 A2 19851002 - ICI PLC [GB]

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