

Title (en)
TRANSFER PRINTING

Publication
EP 0057940 A3 19821027 (EN)

Application
EP 82100966 A 19820209

Priority
JP 1865781 A 19810210

Abstract (en)
[origin: EP0057940A2] A transfer material comprising a substrate, a first layer of thermoplastic wax-like material formed on said substrate, a second layer of thermoplastic material formed on said first layer, and a design layer formed on said second layer. The materials of said first and second layers are heat-sensitive and have such a characteristic that they are not tacky at room temperature but activatable upon heating to become tacky and remain so for a predetermined period of time after said heating is terminated and solidify to effect complete adhesion upon lapse of said predetermined period of time. The materials are decomposable when heated above the temperature at which they are activated, and the material of the first layer has a higher degree of adhesivity to an object to be transfer-printed than that of the material of the second layer to a transfer head used in the process of transfer printing.

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B44C 1/16

IPC 8 full level
B44C 1/16 (2006.01); **B41M 1/34** (2006.01); **B44C 1/17** (2006.01)

CPC (source: EP)
B44C 1/1716 (2013.01)

Citation (search report)
• [A] US 4068033 A 19780110 - MEADE HAZEL
• [A] FR 2203322 A5 19740510 - COMMERCIAL DECAL INC [US]
• [AD] US 3967021 A 19760629 - WEINGRAD SAUL W
• [E] EP 0055395 A1 19820707 - NISSHA PRINTING [JP]
• [AP] PATENTS ABSTRACTS OF JAPAN, vol. 5, no. 151(M-89)(823), 24th September 1981 & JP-A-56 080 488 (NIPPON SHIYASHIN INSATSU K.K.) 07-01-1981 (Cat. A)

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