

Title (en)

TRANSFER MATERIAL AND METHOD OF COLORING THE SURFACE OF AN OBJECT

Publication

EP 0057940 B1 19851023 (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.

IPC 1-7

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 (examination)

- DE 2220872 A1 19721109 - PICTORIAL PROD INC
- JP H0848880 A 19960220 - ASAHI GLASS CO LTD

Cited by

GB2141384A; CN113022182A; GB2210828A; GB2210828B; US5244524A; US5489359A; GB2236984A; GB2236984B; EP0558333A1; US5362162A; GB2243332A; GB2243332B; US11124015B2; WO2018162196A3

Designated contracting state (EPC)

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