

Title (en)

METHOD AND APPARATUS FOR TRANSFER OF A COLOUR DESIGN TO A PLASTIC SUBSTRATE OR A DECORATED PLASTIC SUBSTRATE

Publication

**EP 0455849 B1 19921209 (DE)**

Application

**EP 90108663 A 19900508**

Priority

EP 90108663 A 19900508

Abstract (en)

[origin: EP0455849A1] In a process for applying a decoration of sublimatable dyes to a substrate (10), a colour carrier (12) is laid on the substrate (10) and the colour is transferred to the substrate by the i/r heating of the carrier (12). Here, the carrier is heated to temperatures below 170 DEG C depending on the plastic of the substrate and the carrier is pressed on the substrate over its entire surface by means of electrostatic charges and vacuum. The side of the substrate (10) to which the decoration is transferred is heated to a lower temperature than the opposite side of the substrate.

IPC 1-7

**B41M 5/035**

IPC 8 full level

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CPC (source: EP US)

**B41M 5/0358** (2013.01 - EP US)

Cited by

EP0511605A1; FR2728505A1; DE4432742C1; EP0922588A3; DE4421557C1; EP0811505A1; DE4421554C1; EP0625433A3; GB2299545A; GB2299545B; EP0743198A1; WO0243970A3

Designated contracting state (EPC)

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**EP 0455849 A1 19911113; EP 0455849 B1 19921209**; AT E83196 T1 19921215; AU 7768591 A 19911127; DE 59000578 D1 19930121; DK 0455849 T3 19930322; ES 2036071 T3 19930501; JP H04507386 A 19921224; US 5997677 A 19991207; WO 9117053 A1 19911114; ZA 913431 B 19920226

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