

Title (en)

Use of a paper sheet for transferring coloured decoration to a plastic film

Title (de)

Verwendung eines Papiers zum Aufbringen von Farbe auf eine zu dekorierende Kunststoff-Folie

Title (fr)

Utilisation d'une feuille de papier pour le transfert de décoration colorée à une feuille plastique

Publication

**EP 0572686 B1 19960918 (DE)**

Application

**EP 92108424 A 19920519**

Priority

EP 92108424 A 19920519

Abstract (en)

[origin: EP0572686A1] The use of a paper for transferring colour to a plastic film (14) to be decorated provides for the following: - the plastic film (14) to be decorated is preheated before it is introduced into the calender, - the preheated plastic film (14) is guided on a heated transfer roll (10) of the calender, - the paper (16) which is provided with a coloured decoration on one side is guided over the plastic film (14) onto the heated transfer roll (10) of the calender such that its side provided with the coloured decoration faces the plastic film (14), - a buffer film (18) is guided over the paper (16) on the transfer roll (10), - a tensioning cover (20) which presses the plastic film (14), the paper (16) and the buffer film (18) towards the transfer roll (10) is laid externally over the buffer film (18), - the transfer roll (10), the plastic film (14), the paper (16), the buffer film (18) and the tensioning cover (20) are moved through the calendar synchronously with the same angular velocity and - after it has passed through the calendar, the plastic film (14) with coloured decoration is cooled under tension. <IMAGE>

IPC 1-7

**B41M 5/035**; **B44C 1/17**; **B44C 1/16**

IPC 8 full level

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CPC (source: EP)

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