

Title (en)
APPARATUS FOR APPLYING A DYE IMAGE TO A MEMBER

Publication
EP 0129023 A3 19861217 (EN)

Application
EP 84104630 A 19840425

Priority
US 50366783 A 19830620

Abstract (en)
[origin: EP0129023A2] An apparatus for applying preselected dye images to members incident to processes of the type utilizing sheets bearing dyes in the mirror images of the preselected images, wherein the sheets (108) are overlayed on the members (88) and maintained in pressurised engagement therewith while the sheets and the members are heated. The apparatus comprises a bed (14) for receiving a member thereon with a dye bearing sheet on the member and a resiliently flexible membrane (16) which is positionable over the sheet on the member. A vacuum assembly (18) of the apparatus is operable to evacuate the area between the membrane (16) and the bed (14) in order to draw the membrane into pressurised engagement with the sheet on the member. Radiant heating elements (80) of the apparatus are operable to heat the membrano after the vacuum assembly has been actuated, whereby the dye on the sheet is applied to the member to produce the preselected image thereon.

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B41F 17/006 (2013.01)

Citation (search report)
• [X] DE 2005186 A1 19710812
• [Y] EP 0014615 A1 19800820 - ESSILOR INT [FR]
• [Y] US 4098184 A 19780704 - OKADA EIICHI, et al
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ES2228182A1; EP0252610A1; EP1138515A3; EP0346474A4; GB2155403A; GB2175852B; CN103052510A; WO8707562A1

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