

Title (en)  
EMBOSSING FOIL, IN PARTICULAR HOT EMBOSSING FOIL

Publication  
**EP 0412492 A3 19920115 (DE)**

Application  
**EP 90115129 A 19900807**

Priority  
DE 3926578 A 19890811

Abstract (en)  
[origin: US5053260A] An embossing foil such as a hot embossing foil is of a laminate structure comprising in succession a backing foil, a separating layer, a transparent cover lacquer, a decorative layer means and a foundation layer of an at least translucent material. The decorative layer means successively comprises a first decorative layer adjacent to the cover lacquer layer, an opaque intermediate layer and a second decorative layer adjacent to the foundation layer. The opaque intermediate layer can be covered at least on one side with a single-colored layer over a large area thereof.

IPC 1-7  
**B32B 33/00**

IPC 8 full level  
**B32B 33/00** (2006.01); **B44C 1/10** (2006.01); **B44C 1/17** (2006.01); **B44C 3/08** (2006.01); **B44F 1/12** (2006.01)

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Citation (search report)

- [E] EP 0412493 A2 19910213 - KURZ LEONHARD FA [DE]
- [AP] EP 0340099 A1 19891102 - SCHLUMBERGER IND SA [FR]
- [AD] DE 2916723 A1 19791213 - KURZ LEONHARD FA
- [A] DE 1629706 A1 19710204 - LISSMANN ALKOR WERK
- [A] US 4598003 A 19860701 - RENHOLTS ROY J [US]
- [A] US 3666516 A 19720530 - DUNNING RICHARD E
- [A] EP 0210619 A2 19870204 - KURZ LEONHARD FA [DE]
- [A] EP 0249896 A1 19871223 - KURZ LEONHARD FA

Cited by  
EP0685676A3; EP0685675A3; EP1356952A3; DE102007030307A1; WO2021204503A1; WO2020074188A1

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