

Title (en)

METHOD FOR PRODUCING PARTIALLY EMBOSSED COVER MEMBERS FOR CONTAINERS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON TEILWEISE GEPRÄGTEN DECKELELEMENTEN FÜR BEHÄLTER

Title (fr)

PROCEDE DE PRODUCTION D'ELEMENTS DE COUVERCLE PARTIELLEMENT ESTAMPES POUR RECIPIENTS

Publication

EP 0960024 A1 19991201 (DE)

Application

EP 98949825 A 19981028

Priority

- AT 9800262 W 19981028
- AT 209097 A 19971211

Abstract (en)

[origin: WO9929508A1] The invention relates to the embossing of a foil material with printing marks and pre-sized cover members for food containers (26), said embossing being partly carried out by means of sensors and by means of the regulated tensile force of embossing drums. Said partially embossed cover members (24) comprise a smooth surface area (24b) in the region of the container flange (27) and they are embossed in the rest of the surface area. The surface side (24') facing the container (26) can comprise a heat-sealable coating (25), preferably in the region of the width of the container flange (27). The heat-sealable coating (25') can also be applied in the embossed area (24'), so that the entire area (24') of the cover member is covered with a heat-sealable varnish. Partial embossing of the inventive cover members makes the food containers easy to use by the consumer and their embossed area (24a) also allows for satisfying stacking of said containers at the time of storage.

IPC 1-7

B41F 19/02

IPC 8 full level

B31B 50/88 (2017.01); **B31F 1/07** (2006.01); **B41F 19/02** (2006.01); **B65B 7/01** (2006.01); **B65B 41/18** (2006.01); **B65D 77/20** (2006.01); **B65B 7/16** (2006.01); **B65B 61/02** (2006.01)

CPC (source: EP)

B31D 1/0018 (2013.01); **B31F 1/07** (2013.01); **B41F 19/02** (2013.01); **B65B 7/01** (2013.01); **B65B 41/18** (2013.01); **B65D 77/2024** (2013.01); **B31F 2201/0733** (2013.01); **B31F 2201/0741** (2013.01); **B31F 2201/0756** (2013.01); **B31F 2201/0758** (2013.01); **B65B 7/164** (2013.01); **B65B 61/025** (2013.01)

Cited by

DE102016121496A1; EP2857187A1; ITBO20130162A1; EP2789542A1; US2014305073A1; US9540128B2; US10266285B2; EP2993058A1; WO2022029549A1; EP3321097A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

WO 9929508 A1 19990617; AT E212910 T1 20020215; DE 59803010 D1 20020321; DK 0960024 T3 20020402; DK 0960024 T4 20060925; EP 0960024 A1 19991201; EP 0960024 B1 20020206; EP 0960024 B2 20060628; ES 2171042 T3 20020816; ES 2171042 T5 20070101; HU P0000821 A2 20000828; NO 993854 D0 19990810; NO 993854 L 19991011; PL 191101 B1 20060331; PL 334917 A1 20000327; PT 960024 E 20020731; SK 108199 A3 20000118

DOCDB simple family (application)

AT 9800262 W 19981028; AT 98949825 T 19981028; DE 59803010 T 19981028; DK 98949825 T 19981028; EP 98949825 A 19981028; ES 98949825 T 19981028; HU P0000821 A 19981028; NO 993854 A 19990810; PL 33491798 A 19981028; PT 98949825 T 19981028; SK 108199 A 19981028