

Title (en)

REINFORCED COVER FOR ELECTRICAL HOUSEHOLD APPLIANCES AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

VERSTÄRKTER DECKEL FÜR ELEKTRISCHE HAUSHALTSGERÄTE UND HERSTELLUNGSVERFAHREN

Title (fr)

COUVERCLE RENFORCE POUR APPAREILS ELECTRODOMESTIQUES ET SON PROCEDE DE FABRICATION

Publication

**EP 1316636 A1 20030604 (EN)**

Application

**EP 01960755 A 20010821**

Priority

- ES 0100325 W 20010821
- ES 200002122 A 20000824
- ES 200002123 A 20000824
- ES 200002124 A 20000824
- ES 200002125 A 20000824

Abstract (en)

The lid reinforcements consist of parallel equidistant strips (1) perpendicular to its plane, which are supported on the inner face with a tab (2), provided with a plastic coating (3) and supported in brackets (4). The lid structure comprises: a plastic panel (5) clad with melamine or decorated film (6), reinforced with strips (1) and a frame (7) clasping it at its edges. The manufacturing procedure comprises: Unrolling (8) the strip, Straightening (9), Profiling (10), Induction preheating (11), Shearing (12), Robotized transfer (13) to injection machines (14), Robotized feeding (15) of melaminized paper or decorated film to the injection machines (14), Overinjection of reinforcement coating, Withdrawal of reinforced panels by the robots (15). Overinjection of the frame in another injection machine. <IMAGE>

IPC 1-7

**D06F 39/12**; B27N 3/06

IPC 8 full level

**D06F 39/12** (2006.01)

CPC (source: EP US)

**D06F 39/12** (2013.01 - EP US)

Citation (search report)

See references of WO 0216687A1

Cited by

WO2016039701A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1316636 A1 20030604**; **EP 1316636 B1 20050202**; AT E288513 T1 20050215; AU 8215401 A 20020304; DE 60108766 D1 20050310; DE 60108766 T2 20060105; PL 361407 A1 20041004; WO 0216687 A1 20020228

DOCDB simple family (application)

**EP 01960755 A 20010821**; AT 01960755 T 20010821; AU 8215401 A 20010821; DE 60108766 T 20010821; ES 0100325 W 20010821; PL 36140701 A 20010821