

Title (en)

Cover ring for a can lid and method for manufacturing the same

Title (de)

Deckelring für einen Dosendeckel sowie Verfahren zum Herstellen desselben

Title (fr)

Colerette pour un couvercle de boîte et procédé de fabrication de ladite colerette

Publication

EP 1747826 A1 20070131 (DE)

Application

EP 05016251 A 20050727

Priority

EP 05016251 A 20050727

Abstract (en)

The lid ring (30) for the can lid (50), made of metal sheet with a plastic coating on both sides, has a closure membrane (44) for hot sealing. There is a hot-seal layer acting on the plastic layer as a sealing ring (40) on the side of the annular flange part (34) for sealing against closure membrane. The sealing ring may be sprayed onto the annular flange part.

IPC 8 full level

B21D 51/38 (2006.01); **B21D 51/46** (2006.01); **B65D 17/50** (2006.01)

CPC (source: EP US)

B21D 51/38 (2013.01 - EP); **B21D 51/46** (2013.01 - EP); **B65D 17/502** (2013.01 - EP US)

Citation (applicant)

- EP 0115384 A1 19840808 - MEDICAL ENG CORP [US]
- EP 1153840 A1 20011114 - RASSELSTEIN HOESCH GMBH [DE]
- WO 2004062830 A1 20040729 - ALCAN TECH & MAN LTD [CH], et al

Citation (search report)

- [X] EP 0408268 A2 19910116 - CMB FOODCAN PLC [GB]
- [X] EP 1419972 A2 20040519 - SONOCO DEV INC [US]
- [DA] WO 2004062830 A1 20040729 - ALCAN TECH & MAN LTD [CH], et al
- [DA] EP 1153840 A1 20011114 - RASSELSTEIN HOESCH GMBH [DE]

Cited by

US8746489B2; EP2321189B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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