

Title (en)
LID ASSEMBLY FOR RESIN CONTAINER

Title (de)
DECKELANORDNUNG FÜR EINEN HARZBEHÄLTER

Title (fr)
ENSEMBLE DE COUVERCLE POUR RÉCIPIENT EN RÉSINE

Publication
EP 3275801 B1 20200527 (EN)

Application
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Priority
JP 2015058840 W 20150324

Abstract (en)
[origin: EP3275801A1] A lid assembly (S) for a resin container (1) is provided for desirably maintain a sealed state in the resin container only by changing the design of a cap. The lid assembly (S) includes a mouth part (10) having a male screw (12) provided in its outer circumferential face (11), and the cap (20) having a female screw (22) provided in its inner circumferential face (21). The female screw (22) has a plurality of projections (23) that intermittently continue in a circumferential direction. The male screw (12) has a single thread portion (13a) formed at least in part of a circumference of the screw where only one thread runs between a distal end and a proximal end of the mouth part (10). The female screw (22) of the cap (20) is engaged with the male screw (12) of the mouth part (10) to screw the cap (20) to seal the mouth part (10). The projections (23) include extended projections (24, 25) to be located under the single thread portion (13a) of the male screw (12). Each of the extended projections (24, 25) has a circumferential length greater than a circumferential length of the other projections (23).

IPC 8 full level
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CPC (source: EP)
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Cited by
EP4032828A1; CN114789851A; IT202100001430A1; US11565854B2; US11505371B2; US11801976B2

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