

Title (en)

Lid for flexible or semi-rigid containers, particularly for granular or powder products

Title (de)

Deckel für flexiblen oder halbsteifen Behälter, insbesondere für granulat- oder pulverförmige Produkte

Title (fr)

Couvercle pour des conteneurs flexibles ou semi-rigides, notamment pour des produits en granulés ou en poudre

Publication

EP 1197439 A3 20030319 (EN)

Application

EP 01116187 A 20010704

Priority

IT MI20002105 A 20000928

Abstract (en)

[origin: EP1197439A2] A lid is described for flexible or semi-rigid containers, particularly for granular or powder products, of the type having a substantially parallelepiped shape, with a top aperture (3) defined by a reinforcing frame structure (6), said lid being of plastic material, of the stopper or hinged type, with a substantially flat upper plate (7), a skirt (8) engaging with the outer top edge of the container (1) and an inner skirt (9), continuous or discontinuous, running parallel to the outer skirt (8) and engaging with said frame (6). <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] CH 463986 A 19681015 - SANDHERR AG M [CH]
- [X] EP 0658481 A1 19950621 - ISAP OMV GROUP SPA [IT]
- [X] DE 9417949 U1 19950209 - WALTER RAU LEBENSMITTELWERKE G [DE]
- [X] EP 0571775 A1 19931201 - GOGLIO LUIGI [IT]
- [X] WO 9216439 A1 19921001 - PROCTER & GAMBLE [US]

Cited by

ES2255361A1; US9051095B2; US8403174B2; US11247398B2; WO2006082473A3; WO2004096659A3

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