

Title (en)

Hinged-lid package, especially for cigarettes

Title (de)

Klappschachtel, insbesondere für Zigaretten

Title (fr)

Emballage à couvercle rabattant, en particulier pour cigarettes

Publication

EP 0650907 B1 19971029 (DE)

Application

EP 94119587 A 19920310

Priority

- DE 4109702 A 19910323
- EP 92104056 A 19920310

Abstract (en)

[origin: EP0507112A2] 2.1. In hinged-lid packages comprising a package part (12) and a lid (13) hinged to the rear wall (15) of the package, the problem consists in the precise closed position of the lid (13). This applies, above all, to hinged-lid packages with rounded longitudinal edges (10, 11). <??>To produce an additional closing force, outwardly directed deformations, namely convex curves (38) are formed in the free part in the region of side walls (28, 29) of a collar (26). These deformations rest against the insides of the lid side walls (17) with increased friction and thus with production of an increased closing force. <??>2.2. The deformation of the collar side walls (28, 29) is achieved in that longitudinal edges (30, 31) of the collar are formed so as to diverge towards the free edge. Due to a material constriction, this results in the deformation of the collar side walls (28, 29). <??>2.3. As a further or alternative closing aid, an upright or oblique incision (39) is introduced in the region of the collar side walls (28, 29). This incision produces a projecting holding edge due to the convex curve (38). Said holding edge likewise rests against the inside of the side walls (28, 29) of the package, producing an increased closing force. <??>2.4. Furthermore, the package or the blank is designed in a particular manner, such that rounded contours fit together at the ends of the blank, engaging one another, and can be separated from a piece of material without waste. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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