

Title (en)

MOLDED CLOSURE WITH FLEX AREAS AND METHOD

Title (de)

GEFORMTER VERSCHLUSS MIT FLEXIBLEN ZONEN UND HERSTELLUNGSVERFAHREN DESSELBEN

Title (fr)

BOUCHON MOULE ET DOTE DE ZONES FLEXIBLES, ET PROCEDE ASSOCIE

Publication

EP 1263657 A4 20041117 (EN)

Application

EP 00965043 A 20000915

Priority

- US 0025338 W 20000915
- US 18986900 P 20000316

Abstract (en)

[origin: WO0170586A1] A plastic cap (10) having a top portion and a skirt (12) with an interior surface. There are weak areas, flex areas (14) or flex panels, preferably in the interior surface of the skirt (12), to allow the skirt to expand circumferentially radially outward when the interior surface of the skirt (12) is subjected to a radially outwardly directed force as during strip-ejection of the cap from mold tooling (38). A method of molding the strip ejectable cap (10) includes providing outwardly extending members (42) on the core (38) of the mold tooling to form areas (14) in the cap that are thinner than the average thickness of the cap to allow the cap to expand radially outward when the cap is strip ejected from the mold tooling (38) with reduced smearing of the thread.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

B29C 45/00 (2013.01 - KR); **B29C 45/0081** (2013.01 - EP); **B29C 45/4407** (2013.01 - EP); **B65D 41/04** (2013.01 - EP); **B29L 2031/565** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

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