

Title (en)
RESEALABLE CONTAINER CLOSURE

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Application
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Abstract (en)
[origin: EP0414249A2] This invention provides a closure cap (10) and cap assembly for substantially gas-tight sealing engagement with a container closure having an opening therein circumscribed by a substantially smooth sealing surface thereon. The closure cap (10) includes a sealing portion releasably engageable in surrounding gas-tight sealing relation with the sealing surface on the container closure. The sealing portion comprises elastic portions (64) circumferentially spaced by a plurality of radially extending less elastic portions (60). The cap assembly of this invention may be anchored to the end wall of a container closure.

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IPC 8 full level
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Citation (search report)
• [Y] US 4678096 A 19870707 - LABARGE ROBERT L [US], et al
• [Y] US 2820563 A 19580121 - BRONNIMANN ALBERT J
• [Y] US 4685849 A 19870811 - LABARGE ROBERT L [US], et al
• [Y] GB 1177875 A 19700114 - APL CORP [US]
• [A] US 4442950 A 19840417 - WILSON THOMAS P [US]
• [AD] US 4648528 A 19870310 - LABARGE ROBERT L [US], et al
• [AD] US 4580692 A 19860408 - LA BARGE ROBERT L [US], et al

Cited by
CN109219563A; AU2017228251B2; CN114535447A; US10968010B1; US8985371B2; WO2017151419A1; US11952164B1; US9637269B1; US10427832B1; WO2014026047A1; WO2023049460A1

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