

Title (en)

COLLAPSIBLE CONTAINER AND RELATED METHOD AND APPARATUS

Publication

EP 0544834 A4 19950531 (EN)

Application

EP 91919222 A 19910830

Priority

- CA 2043958 A 19910605
- US 57608090 A 19900831
- US 59838590 A 19901018
- US 70685391 A 19910529
- US 71971191 A 19910626

Abstract (en)

[origin: WO9204236A1] Containers and related method and apparatus are provided, the containers having peripheral wall thicknesses permitting controlled collapse to a compact configuration. The containers are sufficiently strong to be self-supporting both filled and empty, and capable of stand-alone use. In collapsed and folded form, the containers have one or more folded portions (56a, 58a, 60a, 62a) concentrically adjacent one another in generally surrounding relationship to discharge opening portions (54) of the containers. The apparatus includes inner and outer, concentrically arranged and relatively movable pusher members for forming the folded portions of the container.

IPC 1-7

B65D 1/02; B65D 21/08; B65D 25/54; B28B 11/10

IPC 8 full level

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CPC (source: EP)

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B29C 49/42836 (2022.05)

Citation (search report)

- [X] FR 2294927 A1 19760716 - NORMOS NORBERT [FR]
- [X] FR 1593622 A 19700601
- [X] US 4865211 A 19890912 - HOLLINGSWORTH ELMONT E [US]
- [X] GB 2208113 A 19890301 - MELROSE DAVID MURRAY
- See references of WO 9204236A1

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DE102009019461A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

WO 9204236 A1 19920319; AU 659617 B2 19950525; AU 8710891 A 19920330; BR 9106794 A 19930720; CA 2090729 A1 19920301;
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