

Title (en)
Interlocking container or cup.

Title (de)
Ineinander greifende Behälter oder Becher.

Title (fr)
Récipient ou gobelet emboîté.

Publication
EP 0039598 A1 19811111 (EN)

Application
EP 81301946 A 19810501

Priority
CA 351152 A 19800502

Abstract (en)
The invention concerns thermoplastics material cups which nest to seal a chamber in the bottom of the lower cup. A thermoplastics material cup (12) for nesting in a like cup has an endless groove (28) on its interior wall spaced from the bottom (16) to interlock with a lug (36) adjacent the bottom (16) of a similar cup. The groove (28) and lug (36) have similarly sloped entry ramps (30, 38) leading to preferably vertical sealing surfaces (32, 40) and the lug (36) is about 10% larger than the groove (28) the dimensions being such that interengagement of the entry ramps (30, 38) causes longitudinal compression of the lug (36) and consequential radial expansion giving intimate sealing between the sealing surfaces (32, 40) to seal the space (60) in the bottom of the lower cup, so as to keep fresh a comestible located therein.

IPC 1-7
B65D 1/26; **B65D 81/34**

IPC 8 full level
B65D 1/26 (2006.01); **B65D 81/00** (2006.01); **B65D 81/34** (2006.01); **B65D 85/816** (2006.01)

CPC (source: EP)
B65D 1/265 (2013.01); **B65D 85/816** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT BE CH DE FR GB IT LU NL SE

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