

Title (en)
A cork for thermos flask.

Title (de)
Stöpsel für Thermosflasche.

Title (fr)
Bouchon pour bouteille isolante.

Publication
EP 0374066 A1 19900620 (EN)

Application
EP 89440130 A 19891208

Priority
CN 88105811 A 19881210

Abstract (en)
This invention relates to a cork for thermos flask. It comprises a number of plastic rings , which are deformable with inner wall of the flask under heat, as compared to ordinary cork for thermos flask , thus the sealing condition is strengthened. It put an end to convective heat transfer between inside and outside of glass liner of the thermos flask , as well as, it also improves the gradient of conduction of heat. Then the object of the present invention is achieved , i. e. , the loss of heat is reduced and the period for heat preservation is prolonged. In accordance with the present invention the daily index of heat preservation will be increased about 10 DEG C relative to present international I. S. O. standard and the standard of the Ministry of Light Industry of P.R.C. QB 81 - 8. The cork of this invention comprises a cork (1), a plastic spacer (2)and a plastic bowl-like sleeve(3)(or a plastic base frame (12), a plastic cover(13) of the base frame , a plastic handle(14), plastic spacers (2, 2 min) and a plastic bowl-like sleeve(3).

IPC 1-7
B65D 39/00

IPC 8 full level
A47G 19/14 (2006.01); **A47J 41/02** (2006.01); **B65D 39/00** (2006.01)

CPC (source: EP)
B65D 39/0029 (2013.01); **B65D 39/0047** (2013.01)

Citation (search report)
• [AP] DE 3901711 A1 19890824 - BOCKELMANN WERNER D DR MED [DE]
• [A] BE 537126 A
• [A] GB 784917 A 19571016 - HERBERT BRUNE

Cited by
WO2005090181A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0374066 A1 19900620; **EP 0374066 B1 19930331**; CN 1043254 A 19900627; DE 68905780 D1 19930506; JP H02271815 A 19901106; RU 1774859 C 19921107

DOCDB simple family (application)
EP 89440130 A 19891208; CN 88105811 A 19881210; DE 68905780 T 19891208; JP 32039489 A 19891208; SU 4742708 A 19891208