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Search 25: FT=(vacuum flask and (rib or protuberance) and (slot or groove or recess) and (seal or ring)) (Results 41)
Search 26: FT=(vacuum flask and (rib or protuberance) and (slot or groove or recess) and (seal or ring)) (Results 41)

Title: Gaseous electric discharge lamp device

Abstract: Source: GB392796A [Class 39 (i).] To maintain the vapour pressure within a discharge tube such as a lamp, the heat is conserved by means of a surrounding doublewalled envelope, the space between the walls of which is completely or partially exhausted. A lamp 1, Fig. 1, comprises a filling of sodium and rare gas, an incandescent cathode 2, and anodes 3. It is cemented into a cap 4 which is secured to a bayonet socket 6 and carries pins 5 contacting with resilient terminals 8 in the socket. A cap 11 cemented to the doublewalled envelope 9 is secured by means of a bayonet joint to an extension 13 of the socket 6. In a modification, the lamp contacts are plugged into bushes in a holder 14, Fig. 2, which is secured to a post 18 through the casing 17 of a transformer supplying the heating and discharge currents. The envelope 9 is secured to the casing 17 through a cap 15 of artificial resin. The transformer serves to heat the lamp. A reflector placed over the envelope is secured to the casing 17 or to the post 18. In a further modification, a lamp for use with alternating current comprises interconnected cathodes 20, 21, Fig. 3, and anodes 22, 23 and is heated by a resistance 25 which is connected in series with the tube. The envelope 9 is closed by asbestos 26 and is provided with a reflector 24 and is coated with a copper film which is transparent to yellow sodium rays but reflects the heat rays.

Classifications:

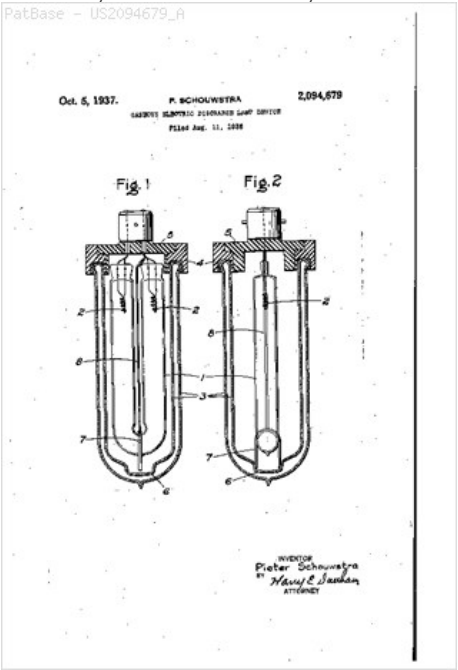
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H01J61/00 H01J61/34 H01J61/54 (Core/Invention)

International (IPC 1-7): B21B31/32 H01J61/34 H01J61/54 H01J61/74

CPC: H01J61/34 H01J61/547 H01J61/74

European: H01J61/34 H01J61/54C H01J61/74

US: 215/12.1 220/2.1R 220/560.04 220/592.27 313/1 313/25 313/252 313/27 313/292 313/312 313/43 313/594 362/263 362/264



Family:

Publication number	Publication date	Application number	Application date
BE390343 A	19320923		00000000
DE652752 A	19371108	DE1932N034068	19320810
DE655301 A	19380113	DE1935N038536D	19350827
FR47656 E	19370616		00000000
FR741891 A	19330222		00000000
GB392796 A	19330525	GB19320024529	19320902
GB401240 A	19331109	GB19330019741	19330712
GB457740 A	19361204	GB19360015801	19360605
NL45860 C	00000000		00000000
US2056648 A	19361006	US19330663792	19330331
US2094679 A	19371005	US19360095415	19360811

Priority:

DE1935N038536 19350827 US19360095415 19360811

Assignee(s): (std): GEN ELECTRIC ; PHILIPS NV ; PHILIPS PATENTVERWALTUNG

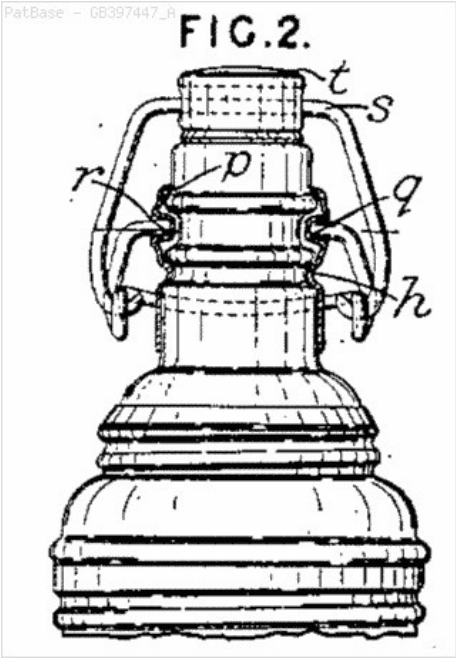
Assignee(s): PHILIPS PATENTVERWALTUNG G M B H ; GENERAL ELECTRIC COMPANY ; N V PHILIPS GLOEILAMPENFABRIEKEN

Inventor(s): (std): BOL CORNELIS ; CORNELIS BOL ; DORGELO EDUARD GERARDUS ; PIETER SCHOUWSTRA ; SCHOUWSTRA PIETER ; UYTERHOEVEN WILLEM

Title: Improvements in closures of vacuum-jacketed flasks

Abstract: Source: GB397447A 16306. [Class 125 (iii).] A closure for a vacuum flask is provided by spinning a sheet-metal sleeve into grooves in the neck of the flask and mounting on the sleeve a pivoted bail carrying a stopper to close the mouth of the flask. As shown, a rubber ring p is inserted between the upper edge of the sleeve and the flask neck, and recesses q in the sleeve form a housing for the ends of toggle pivots r which carry a bail s passing through a stopper t. In a modification the pivots are attached to a metal ring engaging in one of the spun grooves of the sleeve.

Classifications:
International (IPC 8-9): A47J41/00 (Advanced/Invention);
A47J41/00 (Core/Invention)
International (IPC 1-7): B65D45/06
CPC: A47J41/0011
European: A47J41/00C1



Family:

Publication number	Publication date	Application number	Application date
GB397447 A	19330824	GB19330016306	19330606

Priority:

GB19330016306 19330606

Assignee(s): (std): ARTHUR MITTELBACH ; RUDOLF MITTELBACH

Title: Improvements in double-walled vacuum bottles and methods of making them

Abstract: Source: GB408195A 18355. Void [Abridged as open to inspection under Sect. 91 of the Acts, July 16, 1932]. [Class 29.] A **vacuum flask** comprises inner and outer glass vessels 10, 12, the inner one being provided with asbestos spacers 15 and formed with a shoulder 13 which, when the vessels are assembled, rests upon and is fused to the upper edge of the outer vessel. The assembled vessels are supported in an asbestos-lined cup 19 mounted on a plate 18 rotated through gearing 25, 27, and are fused together by a stationary burner. If desired, the cup may be fixed and the burner rotated. The flask is enclosed in a casing 29, Fig. 4, of sheet metal or moulded composition, the casing and the outer vessel being formed with interengaging screw threads 33, 34 separated by a thin rubber or fabric band. Rubber **sealing rings** 35, 37 are provided between the flask and the casing and the space between them insulated, if desired, with carbon dioxide.

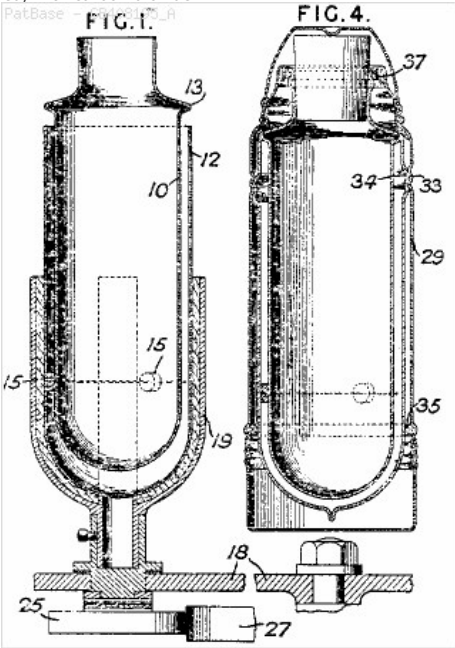
Classifications:

International (IPC 8-9): A47J41/02 (Advanced/Invention);

A47J41/00 (Core/Invention)

CPC: A47J41/024

European: A47J41/02G3



Family:

Publication number	Publication date	Application number	Application date
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Priority:

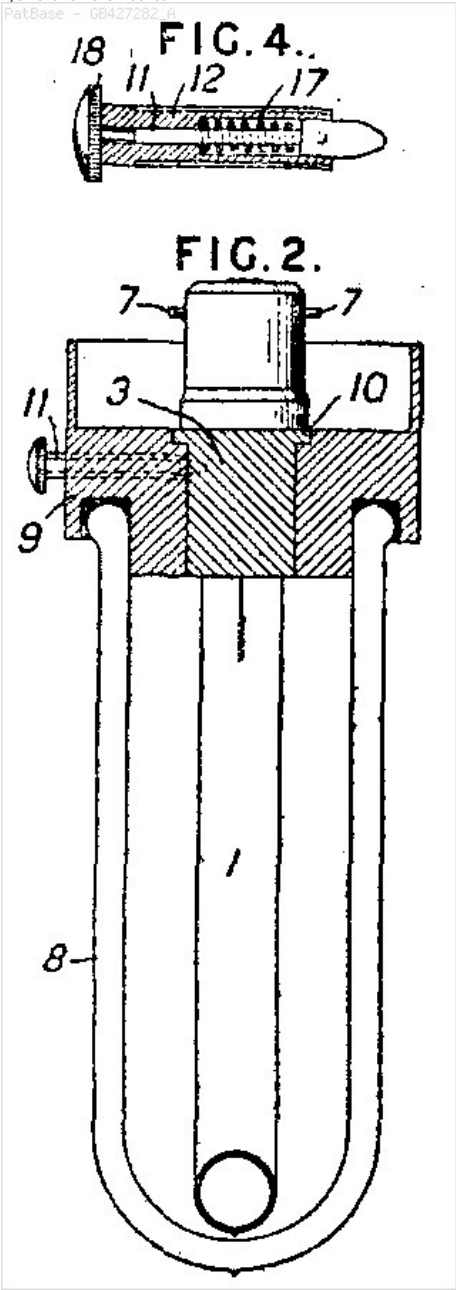
GB19320018355 19320629

Assignee(s): (std): ADOLPH ALEXANDER THOMAS

Title: Improvements in or relating to electric discharge tubes

Abstract: Source: GB427282A [Class 39 (i)] A lamp or other device containing the vapour of a difficultly vaporizable metal is surrounded by a doublewalled envelope which is itself exhausted, and this envelope is detachably secured to the cap of the device. In one form, Fig. 2, a U-shaped lamp 1 is surrounded by a **vacuum-flask** type envelope 8 which is furnished with a cap 9 cemented on. The cap 3 of the lamp engages with the cap 9 at a shoulder 10, and the caps are detachably secured together by means of a pin 11. The pin 11 slides in a cylinder 12, Fig. 4, screwed into the cap 9, and is pressed into the cap 3 by means of a spring 17. Wings on the knob 18, fitting normally in a saw-cut, hold the pin clear of the cap 3 when it is withdrawn and turned slightly. Specifications 392,796 and 414,018 are referred to.

Classifications:
International (IPC 8-9): H01J5/54 H01J61/34 (Advanced/Invention);
H01J5/00 H01J61/34 (Core/Invention)
International (IPC 1-7): H01J61/74
CPC: H01J5/54 H01J61/34
European: H01J5/54 H01J61/34



Family:

Publication number	Publication date	Application number	Application date
BE405687 A	00000000		00000000
FR779637 A	19350410		19341013
GB427282 A	19350418	GB19340028440	19341004

Priority:

19331019

Assignee(s): (std): PHILIPS NV

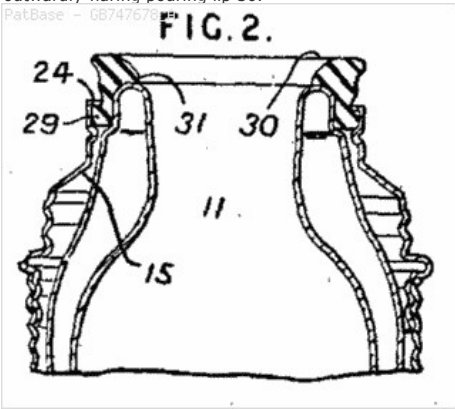
Assignee(s): N V PHILIPS GLOEILAMPENFABRIEKEN

Title: Vacuum flask

Abstract: Source: GB747678A 747,678. Vacuum-jacketed vessels. ALADDIN INDUSTRIES, Inc. July 3, 1953 [July 9, 1952], No. 18535/53. Class 64(2). [Also in Group XVII] In a vacuum flask an annular member, e.g. of rubber, has one portion formed as a sealing gasket 29 of rectangular cross section for resting against the inwardlyturned lip 24 of the casing collar 15 of the flask while the remaining portion is pressed into seating engagement at its inner edge 31 with the inner glass vessel 11 to provide an outwardly-flaring pouring lip 30.

Classifications:

International (IPC 8-9): A47J41/02 (Advanced/Invention);
A47J41/00 (Core/Invention)
International (IPC 1-7): A47J41/02
CPC: A47J41/02
European: A47J41/02



Family:

Publication number	Publication date	Application number	Application date
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Priority:

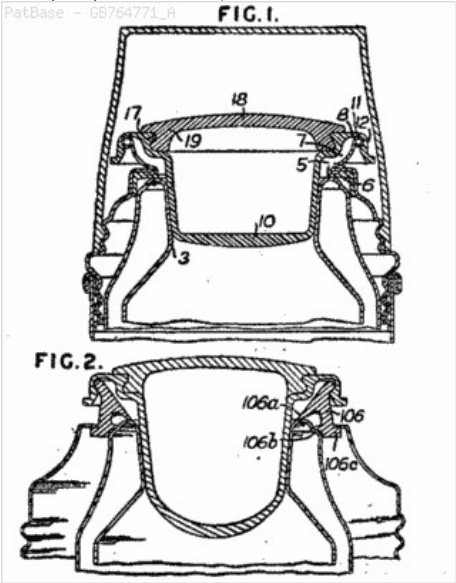
19520709

Assignee(s): (std): ALADDIN IND INC

Title: Improvements in or relating to closures for vacuum flasks or the like

Abstract: Source: GB764771A 764,771. Stoppers; portable containers. THERMOS (1925), Ltd. Jan. 18, 1955 [Jan. 25, 1954], No. 1502/55. Classes 66 and 125(3). A closure for a vacuum flask or like container, is of polyethylene, rubber or other elastic material, has a hollow plug portion 10 with a flange 11 terminating in a depending rim 12 to form a groove which receives the periphery of a ring member 7 forming a pouring lip with beaded edge 8, a sealing gasket 6 being interposed between the flange 5 of the outer casing and the neck 3 of the flask. A cap member 18 has a bead or rib 19 engaging a groove in the outer wall 17 of the plug 10. The hollow space in the closure forms insulation space or may be used to contain sugar, cream, salt, pepper c. or other flavouring or seasoning agent to be used with the contents of the flask or separately. In a modification, Fig. 2, the ring member 106 forms a pouring lip and has flanges 106a, 106b, 106c to form seals with the flask and outer casing. In further modifications the plug 10 has sealing ribs thereon or is bulbous in shape. Specification 738,772 is referred to.

Classifications:
International (IPC 8-9): A47J41/00 (Advanced/Invention);
A47J41/00 (Core/Invention)
International (IPC 1-7): B65D39/00 B65D39/04 B65D41/28 B65D85/72
CPC: A47J41/0011
European: A47J41/00C1



Family:

Publication number	Publication date	Application number	Application date
GB764771 A	19570102	GB19550001502	19550118

Priority:

19540125

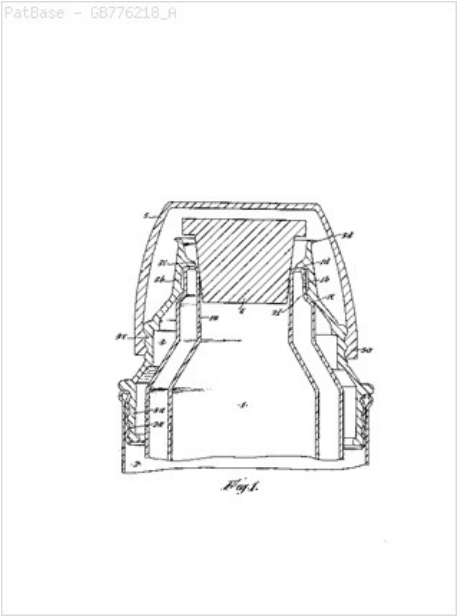
Assignee(s): (std): THERMOS 1925 LTD

Assignee(s): THERMOS 1925 LIMITED

Title: Improvements in or relating to vacuum flasks

Abstract: Source: GB776218A 776,218. Vacuum flasks; stoppers. THERMOS (1925), Ltd. June 15, 1955, No. 17253/55. Classes 66 and 125(3). A canister shoulder 3 for a vacuum flask or vacuum jar is of resilient plastic material e.g. polythene having a pouring lip 3d at its upper end and a threaded portion 3a at its lower end for engagement with the canister 2, the shoulder 3 being shaped at 3c so that it forms a liquid tight seal with the refill 1. A cup 5 and the shoulder 3 have interengaging means 3g, 5b. The stopper may be a conventional cork or it may be formed from two pieces of plastics material 4a, 4b, having a portion 4c, that may be sprung into position over the lip 3d. Alternatively the plastic stopper may be adapted to be sprung or threaded into the inner surface of the shoulder 3. The shoulder 3 may have one or more readily deformable internal flanges 3f to accommodate refills 1 of varying tolerances. Specifications 738,772, 764,771, 765,063 and 769,661 [Group XIII] are referred to.

Classifications:
International (IPC 8-9): A47J41/02 B65D43/10 (Advanced/Invention);
A47J41/00 B65D43/08 (Core/Invention)
International (IPC 1-7): B65D43/10
CPC: A47J41/02
European: A47J41/02



Family:

Publication number	Publication date	Application number	Application date
GB776218 A	19570605	GB19550017253	19550615

Priority:
GB19550017253 19550615
Assignee(s): (std): THERMOS 1925 LTD
Assignee(s): THERMOS 1925 LIMITED
Inventor(s): (std): LORD FRANCIS ERNEST

Title: Closure for vacuum-insulated containers

Abstract: Source: US2830722A (Claim 1) 1. A closure for an open mouth of a container comprising a unitary body of resilient and locally-distortable material including a hollow stopper portion, an upper wall connected to the upper or outer end of the hollow stopper portion and extending outwardly in a generally horizontal direction and then in a generally longitudinal direction away from the stopper portion, an annular tiange extending generally horizontally-outwardly from the upper or outer edge of said longitudinally-extending portion and adapted to overlie the end of the container surrounding the open mouth thereof, a peripheral rim depending from the outer edge of the annular tiange and spaced from said longitudinally-extending portion to provide an annular **groove** to receive the edge of the container surrounding the open mouth thereof, an annular bead extending inwardly from the inner surface of said peripheral rim intermediate the longitudinal length thereof, the side of the bead adjacent the free edge of the peripheral rim forming a generally frusto-conical portion diverging in the direction of the free edge of the peripheral rim to facilitate the insertion of the edge of the container surrounding the open mouth into said **groove**, the hollow stopper having an opening surrounded by said longitudinally-extending portion leading to the interior of the stopper, and a closure for said opening.

Classifications:

International (IPC 8-9): A47J41/00 (Advanced/Invention);

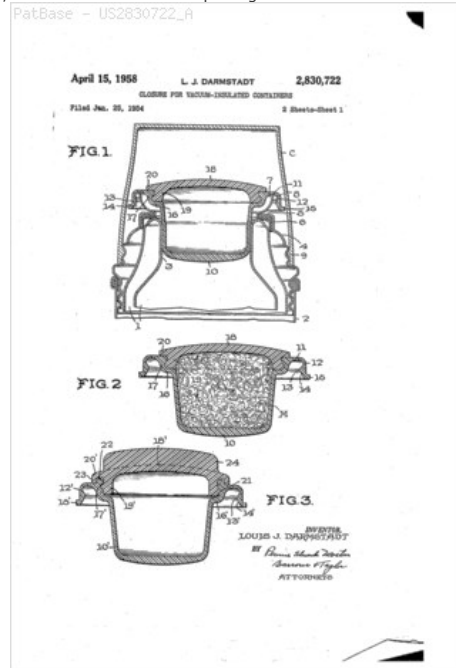
A47J41/00 (Core/Invention)

International (IPC 1-7): A47J41/02

CPC: A47J41/0011

European: A47J41/00C1

US: 215/12.1 215/320 215/321



Family:

Publication number	Publication date	Application number	Application date
US2830722 A	19580415	US19540405841	19540125

Priority:

US19540405841 19540125

Assignee(s): (std): AMERICAN THERMOS PRODUCTS COMP

Assignee(s): THE AMERICAN THERMOS PRODUCTS COMPANY

Inventor(s): (std): DARMSTADT LOUIS J

Title: Improvements in or relating to insulating vessels

Abstract: Source: GB850502A 850,502. Vacuum - jacketed vessels. KRBS, K. Aug. 29, 1958 [Feb. 27, 1958], No. 27839/58. Class 64(2) [Also in Group XVII] A double-walled glass vessel B such as a **vacuum flask** is supported in a polyethylene casing 10 by **ribs** 17 which are inclined to the radial direction, line **ribs** may be inclined alternately to the right and to the left of that direction. Instead of being longitudinal as shown, the **ribs** may be helical. They may be separate from the casing 10. As shown they are tapered at the top and formed with a shoulder 19 at the bottom. The casing 10 is formed with an upper ridge 14 about which fits a complementarily-formed **groove** of a polyethylene shoulder 11, or the shoulder may have the ridge and the casing have the **groove**. On the shoulder a cup E of polyethylene or transparent synthetic resin is a push fit, the surface 23 receiving the cup being channelled or ribbed to allow air flow. The stopper of the glass vessel B has a cover portion 26 which snaps into position on a body portion 25 bearing flexible **ribs** for **sealing** and containing a body 28 of foamed polystyrene or polyurethane. In Fig. 4 the shoulder 111 is formed with a **sealing rib** 126 and a pouring lip 125 associated with a second **sealing rib** 126¹.

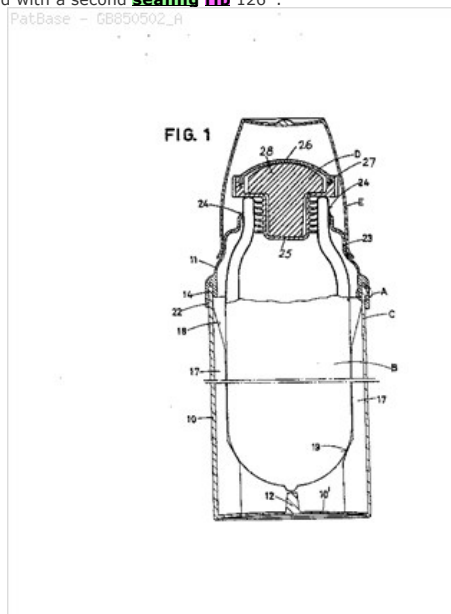
Classifications:

International (IPC 8-9): A47J41/02 (Advanced/Invention); A47J41/00 (Core/Invention)

International (IPC 1-7): A47J41/02

CPC: A47J41/02

European: A47J41/02



Family:

Publication number	Publication date	Application number	Application date
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Priority:

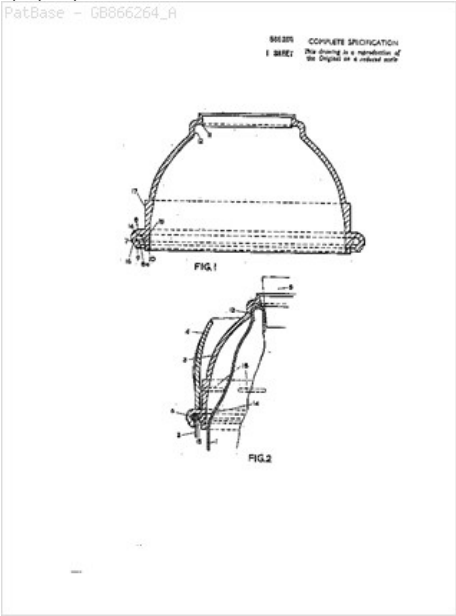
19580227

Assignee(s): (std): KARL KREBS

Title: Improvements in or relating to **vacuum flasks**

Abstract: Source: GB866264A 866,264. Vacuum-jacketed vessels. BRITISH **VACUUM FLASK** CO. Ltd., and HASSID, M. A. Aug. 1, 1957 [Feb. 12, 1957], No. 4777/57. Class 64(2) The resilient shoulder 3 of a **vacuum flask** is formed of polyethylene with a hook-like flange 8 at the bottom for engaging the beaded edge of the casing 2. The top is formed with a lip and to engage and retain the vacuum-jacketed vessel 1 as shown here and as described in Specification 866,263. A cup 4 is mounted on the shoulder as described in that Specification. The bead on the casing edge may be integral or formed by a strip 6 spun over as shown here or formed by the edge of a threaded insert as described in Specification 789,884. The bottom face 9 of the flange 8 is upwardly and inwardly inclined to facilitate location when pushing the shoulder into position and it terminates at a bead 8a which provides a **seal**. Steps 16 provide purchase when the shoulder is to be removed. The Provisional Specification describes also a shoulder, formed as shown in Fig. 1, of polyvinyl chloride or polyethylene.

Classifications:
International (IPC 8-9): A47J41/02 (Advanced/Invention);
A47J41/00 (Core/Invention)
International (IPC 1-7): A47J41/02
CPC: A47J41/02
European: A47J41/02



Family:

Publication number	Publication date	Application number	Application date
GB866264 A	19610426	GB19570004777	19570212

Priority:

GB19570004777 19570212

Assignee(s): (std): BRITISH VACUUM FLASK COMPANY L ; MAURICE ALBERT HASSID
Assignee(s): THE BRITISH VACUUM FLASK COMPANY LIMITED ; BRITISH VACUUM FLASK CO L