

Title (en)

CLOSURE WITH A PRESSURE COMPENSATION VALVE FOR A LIQUID CONTAINER

Title (de)

VERSCHLUSS MIT DRUCKAUSGLEICHSENTIL FÜR EINEN FLÜSSIGKEITSBEHÄLTER

Title (fr)

BOUCHON AVEC SOUPAPE D'EQUILIBRAGE DE PRESSION POUR CONTENANT A LIQUIDE

Publication

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Application

**EP 98962196 A 19981030**

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Abstract (en)

[origin: US6065631A] PCT No. PCT/DE98/03178 Sec. 371 Date Jul. 2, 1999 Sec. 102(e) Date Jul. 2, 1999 PCT Filed Oct. 30, 1998 PCT Pub. No. WO99/23008 PCT Pub. Date May 14, 1999The closure has a bung-type socket (10) of elastic material which fits sealingly into the filling hole and is provided with a central orifice (18). The valve element (20) of the pressure-compensating valve occupies in the central orifice a clearly defined closed position and a clearly defined pressure-compensating position, between which it can be turned within limits defined by stops. The bung-type socket (10) has a lateral pressure-compensating duct (42), the outside end of which is disposed above the liquid level in the completely filled container. The valve element (20) in pressure-compensating position opens up a flow path from the inside end of the pressure-compensating duct (42) to the upper side of the bung-type socket (10), while in closed position it shuts off the path on the inside, covers it on the outside and seals it tightly on both inside and outside.

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