

Title (en)

A COUPLING ARRANGEMENT FOR COUPLING A DISPENSER HEAD TO A CONTAINER VALVE

Title (de)

KUPPLUNGSANORDNUNG ZUR ANKUPPLUNG EINES ZAPFKOPFES AN EINEM BEHÄLTERVENTIL

Title (fr)

DISPOSITIF DE BRANCHEMENT PERMETTANT D'UNIR UNE TETE DISTRIBUTRICE AU CLAPET D'UN CONTENEUR

Publication

**EP 0628016 B1 19960612 (EN)**

Application

**EP 93906466 A 19930303**

Priority

- DK 29192 A 19920304
- DK 9300084 W 19930303

Abstract (en)

[origin: WO9317954A1] A coupling arrangement serves to couple a dispenser head (1) to a valve (2) which is mounted in a connecting piece (3) on a container (4) for a liquid, such as beer under pressure from a gas, e.g. CO<sub>2</sub>. Sealing between the two parts (1, 2) takes place by means of a sealing ring (16) which is arranged axially slidably in a recess (17) in the dispenser head. The head moreover contains a slide (9) which can be moved vertically up and down with a handgrip (10) to close and open the container and the pressure gas inlet, respectively. The slide downwardly has a first outwardly directed collar (28) to lift the sealing ring clear of the valve when the container is to be closed and the dispenser head to be removed. The slide moreover has a second outwardly directed collar (29) to cause the sealing ring to engage the valve before the slide opens the valve and the gas inlet. To ensure effective sealing and easy removal the sealing ring (16) has a relatively large, annular rib (19) of triangular cross-section on the underside. By means of the coupling arrangement a dispenser head can easily and without any difficulty be mounted on a valve in a pressure container for a liquid under pressure from a gas and be removed from it. Further, the operating staff will not be splashed with liquid when the container is opened.

IPC 1-7

**B67D 1/08**

IPC 8 full level

**B67D 1/08** (2006.01)

CPC (source: EP)

**B67D 1/0832** (2013.01)

Designated contracting state (EPC)

ES FR

DOCDB simple family (publication)

**WO 9317954 A1 19930916**; DE 4390855 C2 20011129; DE 4390855 T1 19950427; DK 169814 B1 19950306; DK 29192 A 19930905; DK 29192 D0 19920304; EP 0628016 A1 19941214; EP 0628016 B1 19960612; GB 2280176 A 19950125; GB 2280176 B 19960605; GB 9417838 D0 19941026; NL 194121 B 20010301; NL 194121 C 20010703; NL 9320028 A 19950301

DOCDB simple family (application)

**DK 9300084 W 19930303**; DE 4390855 A 19930303; DE 4390855 T 19930303; DK 29192 A 19920304; EP 93906466 A 19930303; GB 9417838 A 19930303; NL 9320028 A 19930303