

Title (en)

A DEVICE FOR RELEASING A FLUID INTO A LIQUID IN A CONTAINER

Title (de)

VORRICHTUNG ZUR ABGABE EINES FLUIDS IN EINE FLÜSSIGKEIT IN EINEM BEHÄLTER

Title (fr)

DISPOSITIF DE TRANSFERT D'UN FLUIDE DANS LE LIQUIDE D'UN RECIPIENT

Publication

EP 0958187 A1 19991124 (EN)

Application

EP 96942452 A 19961213

Priority

- GB 9603092 W 19961213
- GB 9525414 A 19951213

Abstract (en)

[origin: WO9721605A1] A device (5) for releasing a fluid (6) into a liquid (2) in a container (1) includes a housing (7). At least a portion of the housing (7) is adapted to be inserted into an opening (3) in the container (1). The portion of the housing (7) has a fluid outlet (17). A puncturing device (18) is mounted on the housing (7) and a fluid chamber (11) is movably mounted on the housing (7) for movement between a storage position, in which fluid (6) is retained within the fluid chamber (11), and a release position in which the fluid chamber (11) is punctured by the puncturing device (18) and the fluid (6) is released from the fluid chamber (11) to exit from the device through the fluid outlet (17).

IPC 1-7

B65D 51/28; **B65D 81/32**

IPC 8 full level

B65D 51/28 (2006.01); **B65D 81/32** (2006.01)

CPC (source: EP)

B65D 51/2835 (2013.01); **B65D 81/3211** (2013.01)

Citation (search report)

See references of WO 9721605A1

Citation (third parties)

Third party :

- WO 9532130 A1 19951130 - METAL BOX PLC [GB], et al
- WO 9506605 A1 19950309 - PAKTEK LTD [GB], et al
- WO 9509783 A1 19950413 - PA CONSULTING SERVICES [GB], et al

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9721605 A1 19970619; AT E234236 T1 20030315; AU 1182197 A 19970703; DE 69626701 D1 20030417; DE 69626701 T2 20040212; DK 0958187 T3 20030707; EP 0958187 A1 19991124; EP 0958187 B1 20030312; ES 2194124 T3 20031116; GB 9525414 D0 19960214; PT 958187 E 20030731

DOCDB simple family (application)

GB 9603092 W 19961213; AT 96942452 T 19961213; AU 1182197 A 19961213; DE 69626701 T 19961213; DK 96942452 T 19961213; EP 96942452 A 19961213; ES 96942452 T 19961213; GB 9525414 A 19951213; PT 96942452 T 19961213