

Title (en)
LIQUID DISPENSER

Publication
EP 0291251 A3 19890607 (EN)

Application
EP 88304156 A 19880506

Priority
GB 8711181 A 19870512

Abstract (en)
[origin: EP0291251A2] A liquid dispenser (1) for dispensing metered aliquots of a liquid is provided, which dispenser (1) comprises a chamber (2) having an inlet bore (7) for liquid and an outlet bore (8) for liquid, a valve (3) in the chamber (2) for controlling dispense of liquid from the dispenser (1), and valve operating means (4), said valve (3) having first and second valve stems (9,10) for reception respectively within said inlet bore (7) and within said outlet bore (8), said first valve stem (9) being provided with sealing means (16) for sealing said inlet bore (7), and first, second and third resilient sealing means (22,23,24) being provided for sealing said outlet bore, the arrangement being such that during movement of the valve (3) from a position in which it entirely seals the outlet bore (8) to a position in which liquid within the chamber (2) is free to flow through the outlet bore, (7) the inlet bore is sealed before a said flow of liquid can occur.

IPC 1-7
B67D 3/02

IPC 8 full level
B67D 3/02 (2006.01)

CPC (source: EP)
B67D 3/02 (2013.01)

Citation (search report)

- [X] FR 2406811 A1 19790518 - MOATE DAVID [GB]
- [Y] GB 725784 A 19550309 - JAMES GARRICK SUTHERLAND IRONS
- [Y] GB 2173477 A 19861015 - SALESPRINT TEMPLE GROUP LIMITE
- [A] GB 2175279 A 19861126 - GIBBS JOHN AUGUSTUS

Cited by
GB2402926A; GB2402926B; WO0230808A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0291251 A2 19881117; EP 0291251 A3 19890607; EP 0291251 B1 19920909; AT E80360 T1 19920915; DE 3874409 D1 19921015; DE 3874409 T2 19930401; GB 2204854 A 19881123; GB 2204854 B 19910213; GB 8711181 D0 19870617

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