

Title (en)
METERING PUMP

Publication
EP 0195618 A3 19861112 (EN)

Application
EP 86301871 A 19860314

Priority
GB 8507064 A 19850319

Abstract (en)
[origin: EP0195618A2] A pump is provided which is capable of delivering measured doses of a liquid, the pump comprising a body having a longitudinal passage, and a pair of opposed pistons slidably received in said longitudinal passage, cross passages in said body which communicate with the longitudinal passage and constitute respectively an inlet port and an outlet port, means for moving the pistons in unison between the inlet port and outlet port while their opposed faces are spaced by a distance defining the liquid dose and means for closing the gap between the pistons while the pistons are in the region of the outlet port so as to deliver a measured dose of liquid through the outlet.

IPC 1-7
B01F 15/04

IPC 8 full level
F04B 7/04 (2006.01); **B01F 15/02** (2006.01); **B01F 15/04** (2006.01)

CPC (source: EP)
B01F 35/7141 (2022.01)

Citation (search report)

- [X] FR 2383607 A1 19781013 - LAURENT RAYMOND [FR]
- [A] GB 1317412 A 19730516 - ANCHOR HOCKING CORP
- [A] US 4290700 A 19810922 - HUDIMAC JR GEORGE S
- [A] US 4366918 A 19830104 - NAKA KOZO [JP]
- [A] US 1662969 A 19280320 - GIUSEPPE GERACE, et al
- [A] IBM TECHNICAL DISCLOSURE BULLETIN, vol. 18, no. 1, June 1975, pages 66,67, New York, US; L.A. WILLARD: "Positive displacement dispenser"

Cited by
CN106523318A; WO9323157A3

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0195618 A2 19860924; EP 0195618 A3 19861112; EP 0195618 B1 19891102; AT E47673 T1 19891115; DE 3666669 D1 19891207; GB 2172666 A 19860924; GB 8507064 D0 19850424; GB 8606325 D0 19860423; JP S61291780 A 19861222

DOCDB simple family (application)
EP 86301871 A 19860314; AT 86301871 T 19860314; DE 3666669 T 19860314; GB 8507064 A 19850319; GB 8606325 A 19860314; JP 5964486 A 19860319