

Title (en)

PUMP WITH A SINGLE-PIECE INLET VALVE AND ASSEMBLY FOR MOULDING SAID VALVE

Title (de)

PUMPE MIT EINLASSVENTIL IN MONO-BLOCKBAUWEISE UND FORMEINRICHTUNG FÜR EIN SOLCHES VENTIL

Title (fr)

POMPE A CLAPET D'ADMISSION MONOBLOC ET ENSEMBLE DE MOULAGE D'UN TEL CLAPET

Publication

EP 0805719 B1 19981007 (FR)

Application

EP 96901398 A 19960116

Priority

- FR 9600068 W 19960116
- FR 9500526 A 19950118

Abstract (en)

[origin: WO9622163A1] A fluid dispensing pump including a pump chamber (5) communicating with a fluid supply via an inlet channel (41), said pump chamber (5) being provided with an inlet valve for cutting off the pump chamber (5) from the supply when the fluid is dispensed. Said inlet valve is made in a single piece and incorporates the following members: a base ring (1) fixedly mounted in the pump chamber (5) and circumjacent to said inlet channel (41), a valve seat (111), a needle member (2) resiliently movable between a rest position in which said needle member (2) sealingly engages the valve seat (111), and an open position in which the supply is in communication with the pump chamber (5), and resilient means (21) connecting the base ring (1) to the needle member (2) and biasing said member by resilient preloading towards the rest position in which it engages the valve seat (111).

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