

Title (en)

DOUBLE ACTING SIMPLEX PLUNGER PUMP.

Title (de)

DOPPRLOWIRKENDE SIMPLEX KOLBENPUMPE.

Title (fr)

POMPE A PLONGEUR SIMPLEX A DOUBLE ACTION.

Publication

**EP 0681652 A1 19951115 (EN)**

Application

**EP 92921411 A 19920923**

Priority

- US 9208179 W 19920923
- US 76632391 A 19910927
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Abstract (en)

[origin: WO9306368A1] A double acting simplex plunger pump comprising a pair of unique unitary combined stuffing box (38) and head members (32) pre-assembled with a double ended plunger (70), the subassembly being sandwiched between the axial end face (22) of a drive motor (20) and a flat surface of a unitary manifold means (50) and further characterized by means including check valve means (66) for aligning and holding the members.

IPC 1-7

**F04B 1/02**; **F04B 17/00**

IPC 8 full level

**F04B 1/02** (2006.01); **F04B 9/04** (2006.01); **F04B 17/03** (2006.01); **F04B 53/10** (2006.01); **F04B 53/16** (2006.01)

CPC (source: EP)

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Citation (search report)

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