

Title (en)
Pump

Title (de)
Pumpe

Title (fr)
Pompe

Publication
EP 2075468 A1 20090701 (EN)

Application
EP 07124060 A 20071224

Priority
EP 07124060 A 20071224

Abstract (en)
A pump has an elongate pump chamber (22) with a flexible tube disposed along the chamber and which is compressible to reduce the volume of the tube and cause fluid in the tube to pass along the tube, the flexible tube being disposed within the chamber in a state in which it occupies the full volume of the chamber. A pair of valves (30) are provided, one at each end of the chamber, and the valves are individually actuatable to close off the flexible tube during operation of the pump. A compression element (23) is movable over a given distance to reduce the volume of the chamber and hence the volume of the flexible tube by an amount substantially equal to the swept volume of the compression element.

IPC 8 full level
F04B 43/08 (2006.01)

CPC (source: EP)
F04B 43/082 (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 2075468 A1 20090701

DOCDB simple family (application)
EP 07124060 A 20071224