

Title (en)
Pump for filling bicycle tyres

Title (de)
Pumpe für das Befüllen von Fahrradreifen

Title (fr)
Pompe pour le remplissage de roues de vélo

Publication
EP 1947337 A3 20100310 (DE)

Application
EP 08000478 A 20080111

Priority
DE 202007000487 U 20070112

Abstract (en)
[origin: DE202007000487U1] The pump is assembled of a pump head (1), a first (2) and a second element (3), a piston and a piston rod (4). The pump head (1) comprises an air outlet (9) connected with a duct to an inlet and to be joined to the valve located at the tire. The piston rod (4) is joined to the head (1) by projections at the head (1) engaging with longitudinal slots at the rod (4) to be connected to the piston with threaded segments. The pump can be used after the two elements (2,3) are rotated in opposite directions and access to the air outlet (9) is provided.

IPC 8 full level
F04B 39/00 (2006.01)

CPC (source: EP)
F04B 33/005 (2013.01); **F04B 39/0016** (2013.01)

Citation (search report)

- [X] US 5443370 A 19950822 - WANG RO-PIN [TW]
- [X] GB 249997 A 19260408 - WILLIAM TURNER
- [A] US 5165876 A 19921124 - WANG ROPIN [TW]
- [A] GB 696168 A 19530826 - OTTO BOTHE
- [A] US 6196807 B1 20010306 - WU SCOTT [TW]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 202007000487 U1 20070315; EP 1947337 A2 20080723; EP 1947337 A3 20100310

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DE 202007000487 U 20070112; EP 08000478 A 20080111