

Title (en)
Pump connection device

Title (de)
Vorrichtung zur Verbindung mit einer Pumpe

Title (fr)
Dispositif de raccordement de pompe

Publication
EP 0777049 A1 19970604 (FR)

Application
EP 96402529 A 19961125

Priority
FR 9514081 A 19951128

Abstract (en)
The pump connector has an air ejection channel (16) which is linked to the pump. A movable member (32), with two or more different nozzles (33,34), can be set in predetermined positions so that the appropriate nozzle links the tyre valve to the pump. Each nozzle has a sleeve (39,40) of an elastically deformable material to fit onto the valve. A locking mechanism (23) interacts with the movable element to press the sleeve axially onto the valve. The locking mechanism consists of a lever with a cam (22) which applies a pressure to the movable element and at the same time compressed the ejection channel seal (36) against it. The movable element is designed so that it either slides lengthwise or rotates inside the connector.

Abstract (fr)
Dispositif de raccordement de pompe adapté au gonflage de pneumatiques divers comportant des valves de types différents. Selon l'invention, le dispositif comporte un élément mobile (32) renfermant au moins deux embouts de raccordement différents (33, 34) et cet élément mobile est déplaçable dans un logement (27) pour que l'un ou l'autre des embouts puisse être mis en service. <IMAGE>

IPC 1-7
F04B 33/00

IPC 8 full level
F04B 33/00 (2006.01)

CPC (source: EP US)
F04B 33/005 (2013.01 - EP US); **Y10T 137/3584** (2015.04 - EP US); **Y10T 137/3724** (2015.04 - EP US)

Citation (search report)
• [A] FR 544366 A 19220921 - BOYCE MOTOR ACCESSORIES LTD
• [A] DE 380975 C 19230914 - WILHELM PLASS
• [A] FR 983471 A 19510625
• [A] DE 3819771 A1 19890706 - KARL SCHEFFER KLUTE GMBH & CO [DE]
• [A] US 3926205 A 19751216 - GOURLET GASTON

Cited by
FR2810387A1; FR3025456A1; FR2810718A1; CN105299313A; WO9937130A3

Designated contracting state (EPC)
BE CH DE ES GB IT LI NL

DOCDB simple family (publication)
EP 0777049 A1 19970604; **EP 0777049 B1 20020410**; DE 69620550 D1 20020516; DE 69620550 T2 20021121; DE 777049 T1 19971218; ES 2101671 T1 19970716; ES 2101671 T3 20021016; FR 2741695 A1 19970530; FR 2741695 B1 19980206; JP H09280173 A 19971028; US 5749392 A 19980512

DOCDB simple family (application)
EP 96402529 A 19961125; DE 69620550 T 19961125; DE 96402529 T 19961125; ES 96402529 T 19961125; FR 9514081 A 19951128; JP 31821896 A 19961128; US 75372896 A 19961129