

Title (en)

Bypass valve arrangement for a high pressure cleaner and high pressure cleaner with such a bypass valve arrangement

Title (de)

Bypassventilanordnung für ein Hochdruckreinigungsgerät sowie Hochdruckreinigungsgerät mit einer solchen Bypassventilanordnung

Title (fr)

Agencement de soupape de dérivation pour un nettoyeur à haute pression et nettoyeur à haute pression avec un tel agencement de soupape de dérivation

Publication

EP 0979944 A3 20001018 (DE)

Application

EP 99115736 A 19990810

Priority

- DE 19836407 A 19980812
- DE 19838947 A 19980827

Abstract (en)

[origin: EP0979944A2] The pressure washer pistol (2) has a bypass valve (14) with a secondary actuator (30) with a cylinder (31) having a bias piston (32) connected to the valve. The piston defines a hydraulic control chambers (33,34) for the opening and closing movement of the valve.

IPC 1-7

F04B 49/24; **B08B 3/02**; **F16K 31/00**

IPC 8 full level

B08B 3/02 (2006.01); **F04B 49/24** (2006.01)

CPC (source: EP)

B08B 3/026 (2013.01); **F04B 49/246** (2013.01); **B08B 2203/0205** (2013.01); **F04B 2205/151** (2013.01); **F04B 2205/172** (2013.01)

Citation (search report)

- [A] US 5558503 A 19960924 - WELLER MATTHIAS [DE], et al
- [DA] DE 3810341 A1 19890928 - SUTTNER GMBH & CO KG [DE]

Cited by

EP2093643A3; JP2009197995A; EP2093643A2; US8091576B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0979944 A2 20000216; **EP 0979944 A3 20001018**

DOCDB simple family (application)

EP 99115736 A 19990810