

Title (en)
Valve assembly

Title (de)
Ventilanordnung

Title (fr)
Ensemble de vanne

Publication
EP 1854558 A2 20071114 (DE)

Application
EP 07009006 A 20070504

Priority
DE 102006021536 A 20060508

Abstract (en)
The valve assembly (1), for a high pressure water blaster gun (10) cleaner, has a non-return valve (13) to open and close the gun jet and a bypass valve (15) to return water (4) from the pump (3) back to the tank (5). A counter rod is coupled to the valve closing body for closing force compensation according to the diameter of the sealing seat.

Abstract (de)
Es wird eine Bypaßventilanordnung (1) mit einer Gegenstange (34) zur Schließkraftkompensation in Abhängigkeit vom Dichtsitzdurchmesser vorgeschlagen.

IPC 8 full level
B08B 3/02 (2006.01); **F04B 49/24** (2006.01); **F16K 17/10** (2006.01)

CPC (source: EP)
B08B 3/026 (2013.01)

Cited by
DE102016100770A1; CN114963018A; CN110662611A; DE202017003786U1; DE102021002454A1; WO2021098443A1; EP4086491A1; EP4242779A2; EP4357874A2

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 YU

DOCDB simple family (publication)
EP 1854558 A2 20071114; EP 1854558 A3 20110518; EP 1854558 B1 20130918

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EP 07009006 A 20070504