

Title (en)

Valve operated discharge control of a household pump

Title (de)

Ventilgesteuerte Durchflussregelung einer Haushaltspumpe

Title (fr)

Régulation du débit d'une pompe ménagère avec une soupape

Publication

EP 0992687 B1 20130529 (DE)

Application

EP 99119758 A 19991006

Priority

- DE 19846047 A 19981007
- DE 19923357 A 19990521

Abstract (en)

[origin: EP0992687A2] The unit has a pump with pump chamber and a back pressure valve (26) located downstream of the pump chamber outlet. The valve has a housing (40) with removeable valve insert (49). The housing has a valve intake (42) and a valve outlet (43), which are formed like connection sockets of a pipe connection. The valve unit is a one-part module, which can be removed from the pump and replaced by a pipe section of corresponding dimensions. The valve intake is formed by a plug socket, fitted into the pump outlet and/or is formed as a threaded socket.

IPC 8 full level

F04B 53/10 (2006.01); **F04B 17/03** (2006.01); **F04B 17/06** (2006.01); **F04B 53/16** (2006.01); **F04B 53/20** (2006.01); **F04D 13/06** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP)

F04B 17/03 (2013.01); **F04B 17/06** (2013.01); **F04B 53/16** (2013.01); **F04D 13/06** (2013.01); **F04D 29/426** (2013.01)

Cited by

US10533674B2; US2017108135A1; EP1359259A1; EP3156660A1; CN107013493A; US10626872B2; EP3156661A1; CN107013715A; RU2667862C2

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DOCDB simple family (publication)

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