

Title (en)
Improvements in water supply systems

Title (de)
Verbesserte Wasserversorgungsanlage

Title (fr)
Dispositif d'alimentation d'eau amélioré

Publication
EP 1959141 A2 20080820 (EN)

Application
EP 08250558 A 20080218

Priority
• GB 0703081 A 20070216
• GB 0715406 A 20070807

Abstract (en)
A water flow control assembly comprises a pump (11) installable in a mains water supply line (10), a sensor (14) for measuring the rate of flow of water in the supply line and a control (13) for adjusting the speed of the pump when the pump is in operation in response to flow rate measured by the sensor. The control acts to limit the speed of the pump so that the flow rate does not exceed a predetermined value.

IPC 8 full level
F04B 49/20 (2006.01); **E03B 7/07** (2006.01); **F04D 15/00** (2006.01)

CPC (source: EP GB)
F04B 49/20 (2013.01 - EP); **F04D 15/0066** (2013.01 - EP GB)

Citation (examination)
• JP 2003021091 A 20030124 - NIKKISO CO LTD
• PURVIS M: "Tomorrow's pump control systems", WORLD PUMPS, ELSEVIER, OXFORD, GB, vol. 1995, no. 340, 1 January 1995 (1995-01-01), pages 25 - 29, XP004176586, ISSN: 0262-1762

Cited by
CN110252194A; CN110629832A; CN106499005A

Designated contracting state (EPC)
GB IE

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1959141 A2 20080820; EP 1959141 A3 20120530; GB 0703081 D0 20070328; GB 0715406 D0 20070919; GB 2446673 A 20080820

DOCDB simple family (application)
EP 08250558 A 20080218; GB 0703081 A 20070216; GB 0715406 A 20070807