

Title (en)
THERMOSTATIC VALVE HAVING AN IMPELLER

Title (de)
THERMOSTATVENTIL MIT FLÜGELRAD

Title (fr)
VANNE THERMOSTATIQUE A TURBINE

Publication
EP 2356531 A1 20110817 (FR)

Application
EP 09775130 A 20091119

Priority
• EP 2009065504 W 20091119
• FR 0857849 A 20081119

Abstract (en)
[origin: WO2010057957A1] The thermostatic valve (1), housed in a bulb (9), includes a needle (2) for regulating the flow of air-conditioning water, inserted between a flow inlet channel (3) and a flow outlet channel (4), and includes radio circuits (83) for receiving temperature control commands, said circuits being connected to a block (84) for controlling the needle (2), and it includes a centrifugal or centripetal impeller (5) connected between the channels (3, 4), an output shaft (52) of said impeller driving a current generator (6) supplying the radio circuits (83) and the control block (84).

IPC 8 full level
G05D 23/19 (2006.01); **F03B 17/06** (2006.01)

CPC (source: EP)
F03B 13/00 (2013.01); **G05D 23/1925** (2013.01); **H02K 7/1823** (2013.01); **F05B 2220/706** (2013.01); **Y02E 10/30** (2013.01)

Citation (search report)
See references of WO 2010057957A1

Citation (examination)
JP 2004100625 A 20040402 - SAN EI FAUCET MFG

Designated contracting state (EPC)
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DOCDB simple family (publication)
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FR 0958186 A 20091119; CA 2744242 A 20091119; EP 09775130 A 20091119; EP 2009065504 W 20091119; FR 0857849 A 20081119; RU 2011124964 A 20091119