

Title (en)
Improved water stop device

Title (de)
Verbesserte Wasserstoppvorrichtung

Title (fr)
Dispositif de colmateur amélioré

Publication
EP 1955640 A2 20080813 (EN)

Application
EP 08150904 A 20080131

Priority
IT TO20070075 A 20070202

Abstract (en)
The water stop device comprises a solenoid valve having a body (10), an inlet pipe (12) and an outlet pipe (14), a flexible inner water flow tube (16) and a flexible outer safety tube (20) arranged around the inner tube (16), so as to define an annular air gap (22). Both the inner tube (16) and the outer tube (20) are of corrugated type. The proximal end (18) of the inner tube (16) faces the distal end (26) of the outlet pipe (14) in such a way that the respective longitudinal axes (24) coincide, and the ends (18, 26) can be associated with one another by means of a tubular sleeve (28) arranged, sealed, coaxially on their exterior. Advantageously, the sleeve (28) is made of polymeric material and is produced by a co-moulding technique.

IPC 8 full level
A47L 15/42 (2006.01); **D06F 39/08** (2006.01)

CPC (source: EP US)
A47L 15/421 (2013.01 - EP); **A47L 15/4217** (2013.01 - EP US); **D06F 39/081** (2013.01 - EP US)

Cited by
CN105555179A; CN106170239A; EP2947194A1; CN106460298A; US2017191598A1; US10738930B2; WO2015177241A1; WO2015008198A1; WO2015008199A1

Designated contracting state (EPC)
DE ES PL

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1955640 A2 20080813; **EP 1955640 A3 20090729**; **EP 1955640 B1 20150318**; ES 2539516 T3 20150701; IT TO20070075 A1 20080803; PL 1955640 T3 20150831

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