

Title (en)
COUPLING DEVICE FOR A WATER VAPOUR CUTTING DEVICE

Title (de)
KUPPLUNGSVORRICHTUNG FÜR EIN WASSERDAMPF-SCHNEIDGERÄT

Title (fr)
DISPOSITIF DE COUPLAGE POUR APPAREIL DE COUPE A VAPEUR D'EAU

Publication
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Application
EP 06774765 A 20060906

Priority

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Abstract (en)
[origin: WO2007028184A2] The invention relates to a coupling device (24) used for producing a flow path between the tank (6) of a water vapour cutting device (1) and a liquid cartridge (25), wherein said coupling device (24) comprises a housing (29) provided with a receiving area (30) which is formed therein, used for mounting the cartridge (25) on said housing and which comprises a channel (39) provided with an input orifice (40) fluidically connectable to the cartridge (25) and to an output opening (41) which is also fluidically connectable to an external surrounding area, for example to the tank (6). A metering device (38) is arranged in the housing (29) and makes it possible to define a locking position, in which the cartridge (25) is not mounted on the housing (29) and the output orifice (41) is locked, wherein the metering device (38) also makes it possible to define a releasing position, in which said metering device (38) is displaceable, in particular by mounting the cartridge (25) on the housing (29), and in which the output orifice (41) is released. A method for controlling the water vapour cutting device is also disclosed.

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See references of WO 2007028184A2

Citation (examination)

- US 3398769 A 19680827 - GUENIN ANDRE L
- US 4182388 A 19800108 - SELLEN KENNETH R [US]
- EP 1561991 A1 20050810 - STAEUBLI FAVERGES [FR]

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