

Title (en)

Press-block coupling for fluid circuits

Title (de)

Spannblockkupplung für Druckmittelschaltkreise

Title (fr)

Accouplement à bloque de serrage pour les circuits fluidiques

Publication

EP 1074749 A2 20010207 (EN)

Application

EP 00116843 A 20000804

Priority

IT TO990698 A 19990806

Abstract (en)

A press-block coupling for fluid circuits, comprising: a base body (12) provided with a first opening (16), designed to be connected to a branch of a fluid circuit, and with a second opening (20), designed to establish a fluid connection with a corresponding opening of a complementary coupling; and at least one main valve element (26) which can slide in the base body (12) and co-operates with a valve seat (24) designed to activate or interrupt fluid connection between the first opening (16) and the second opening (20). The press-block coupling comprises an auxiliary valve element (58) with mechanical opening, set in such a way that, in use, following upon mechanical opening of the auxiliary valve element (58), a variation in pressure is produced in said main chamber (18) such as to bring about opening of the main valve element (26) under the action of the pressure of the fluid. <IMAGE>

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