

Title (en)
LOAD HOLDING VALVE

Title (de)
LASTSCHALTEVENTIL

Title (fr)
SOUPAPE À MAINTIEN DE CHARGE

Publication
EP 2834544 B1 20160525 (EN)

Application
EP 13723239 A 20130329

Priority
• IT MO20120087 A 20120402
• IB 2013052542 W 20130329

Abstract (en)
[origin: WO2013150431A1] A load-holding valve (1) comprises: a body (2) provided with a cavity (8); a piston (30) that is bidirectionally movable inside the cavity (8); a movable seat (22), hollow and surrounding the piston (30), positioned inside the cavity (8) and arranged for interacting with the piston (30) such as alternatively to permit said pressurized fluid, or prevent the pressurized fluid from, traversing a passage zone (As) interposed between the seat (22) and the piston (30); a plurality of openings (3, 4, 5) obtained in the body (2), through which a pressurized fluid can enter, or exit from, the valve (1). At least one of the openings (3, 4, 5) is suitable for connecting an intermediate portion (33) of the piston (30) with actuating means that is associable with the valve (1), and the intermediate portion (33) is interposed between an end portion (34) of the piston (30) and the seat (22). The valve (1) is characterized in that the end portion (34) has a maximum transverse dimension (Dp) that is greater than an internal maximum transverse dimension (Ds) of the seat (22).

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