

Title (en)
PRESSURE RELIEF DEVICE

Title (de)
DRUCKENTLASTUNGSVORRICHTUNG

Title (fr)
LIMITEUR DE PRESSION

Publication
EP 1902214 B1 20110601 (FR)

Application
EP 06764780 A 20060613

Priority
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Abstract (en)
[origin: US8245725B2] A pressure relief device usable in a high-pressure fluid circuit for limiting the pressure in the case of a failure of a circuit component is provided, the device includes a body with a pusher sliding therein and axially movable by a spring. A ball seals an orifice connecting a chamber receiving a high-pressure fluid and another chamber. The other chamber includes at least one fluid discharge opening and the ball being held by the spring in a position closing the orifice below a predetermined pressure. The pusher devoid of axial through channels for the fluid, slides in the body and closes at least partially each discharge opening. At least one of discharge openings is connected to an opening also embodied in the body and open at least partially to the opposite side of the pusher.

IPC 8 full level
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