

Title (en)
DEVICE AT A HYDRAULIC CYLINDER

Title (de)
VORRICHTUNG AN EINEM HYDRAULISCHEN ZYLINDER

Title (fr)
DISPOSITIF AU NIVEAU D'UN VÉRIN HYDRAULIQUE

Publication
EP 2359013 A4 20130710 (EN)

Application
EP 09833721 A 20091211

Priority
• SE 2009051402 W 20091211
• SE 0850168 A 20081219

Abstract (en)
[origin: WO2010071557A1] The invention refers to a device at a hydraulic cylinder (100, 200, 300, 400) comprising a cylinder (103, 203, 303, 403), a piston (101, 201, 301, 401), a piston rod (102, 202, 302, 402), control bands (121, 221, 321, 421 and 115, 215, 315, 415) arranged along the casing surface of the piston (126, 226, 326, 426) and along the piston rod and two sealings (118, 218, 318, 418; 123, 223, 323, 423) arranged along the casing surface of the piston, whereby a stray flux channel (125, 225, 325, 425) is provided through the piston extending from a point on the casing surface of the piston leading to a point being in contact with the piston side of the cylinder. A check valve (127, 227, 327, 427) is arranged in direct connection with said stray flux channel (125, 225, 325, 425) which extends from said point on the casing surface of the piston (126, 226, 326, 426) between and at a predetermined distance from said sealings (118, 218, 318, 418; 123, 223, 323, 423) being of the similar kind and located on the piston rod side of said control band.

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Citation (search report)
• [X] US 3229589 A 19660118 - ARTHUR LANGAS
• [X] DE 102005015420 A1 20051020 - HOERBIGER AUTOMATISIERUNGSTECH [DE]
• [X] FR 993199 A 19511029
• [X] US 6186043 B1 20010213 - CALLIES ROBERT EDWIN [US]

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