

Title (en)
PLUNGER-TYPE CYLINDER

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Application
EP 91108401 A 19910524

Priority
DE 4021070 A 19900703

Abstract (en)
[origin: EP0464356A1] The invention relates to a plunger-type cylinder on whose cylinder jacket (30) a hydraulic signal pick-up nozzle (34) is arranged. The signal pick-up nozzle (34) is connected to the interior of the cylinder via a transverse bore (40). Located on the cylinder inside of the transverse bore (40) is an annular passage (42) which is defined at its opening-side and base-side flanks by guide and sealing rings (60, 62). The sealing ring (62) defining the base-side flank is designed as an open metal ring which is arranged in an annular cylinder recess (50) backing an elastomeric sealing ring (63). The plunger (16) has several control bores (28) which communicate with the base side of the inner space of the cylinder, pass through the plunger skirt (22) at a distance from the base-side plunger end (26) and trigger a control operation via the signal pick-up when crossing over the annular passage (42). <IMAGE>

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Cited by
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