

Title (en)
Hydraulic actuator circuit

Title (de)
Schaltkreis eines hydraulischen Stellglieds

Title (fr)
Circuit pour un vérin hydraulique

Publication
EP 1387089 A3 20080305 (EN)

Application
EP 03254648 A 20030725

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JP 2002222000 A 20020730

Abstract (en)
[origin: EP1387089A2] This invention provides with a hydraulic actuator circuit comprising a holding valve (17) disposed in a boom extension-side pipeline (13) in the circuit an opening of which is controlled by a control valve (15) and an assist cylinder (20) for controlling an opening of the holding valve in such a way that, in a condition wherein a holding pressure drops to a valve of not larger than a given value, the opening of the holding valve is reduced, whereby the circuit can prevent an unusual sudden lowering of a boom with a load.

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