

Title (en)

DIFFERENTIAL HYDRAULIC JACK, WITH A DAMPING DEVICE, FOR OPERATING ELECTRIC BREAKERS

Publication

EP 0287434 B1 19930203 (FR)

Application

EP 88400826 A 19880406

Priority

FR 8705198 A 19870413

Abstract (en)

[origin: US4807514A] A differential hydraulic jack with a damping system for the control of electric circuit-breakers is provided with a floating ring which produces a damping action at the end of travel and is also provided with a damping extension stud which forms part of the jack piston and penetrates into the damping ring. No provision is made on the jack piston for any packing ring forming a seal with the jack cylinder. The damping ring carries two projecting lips constituting a double valve which forms a leak-tight seal with the bottom face of the jack piston and the internal face of the cylinder end. At the end of the travel of the piston, the damping ring forms a double sealing valve for shutting-off the supply/drain orifice of the jack.

IPC 1-7

F15B 15/22; H01H 33/34

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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EP 0287434 A1 19881019; EP 0287434 B1 19930203; AT E85459 T1 19930215; AU 1407988 A 19881013; AU 594292 B2 19900301; BR 8801717 A 19881116; CA 1287040 C 19910730; CN 1010243 B 19901031; CN 88102072 A 19881026; CS 249288 A3 19920415; CZ 281194 B6 19960717; DE 3878010 D1 19930318; DE 3878010 T2 19930603; ES 2037853 T3 19930701; FI 881668 A0 19880411; FI 881668 A 19881014; FI 91314 B 19940228; FI 91314 C 19940610; FR 2613785 A1 19881014; FR 2613785 B1 19901123; HU 212745 B 19961028; HU T52217 A 19900628; IN 170818 B 19920523; JP H0536356 B2 19930528; JP S63262396 A 19881028; KR 880012475 A 19881126; KR 920004481 B1 19920605; SU 1600640 A3 19901015; UA 5568 A1 19941228; US 4807514 A 19890228; YU 47412 B 19950327; YU 72188 A 19900430; ZA 882602 B 19881003

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