

Title (en)
ENERGY RECOVERING DEVICE

Title (de)
VORRICHTUNG ZUR RÜCKGEWINNUNG VON ENERGIE

Title (fr)
RECUPERATEUR D'ENERGIE

Publication
EP 0615583 B1 19980318 (DE)

Application
EP 92924657 A 19921203

Priority
• CS 368091 A 19911204
• EP 9202797 W 19921203

Abstract (en)
[origin: WO9311363A1] A device for recovering energy, in particular potential energy in working machines, has a hydraulically actuatable working cylinder (3) linked to a hydropneumatic storage (4). At least another working cylinder (5) is provided, the working cylinders (3, 5) are mutually linked by their rods so as to transfer fluid and are linked to a hydraulic circuit having at least one pump, and the other working cylinder (5) is also linked at its piston side to a hydraulic circuit having a pump, so that the energy generated by the movements of the working machine can be profitably stored in a failure-proof manner and called back again at defined moments in time.

IPC 1-7
F15B 1/02; **E02F 9/22**

IPC 8 full level
E02F 3/43 (2006.01); **E02F 9/22** (2006.01); **F15B 1/02** (2006.01); **F15B 21/14** (2006.01)

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Designated contracting state (EPC)
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WO 9311363 A1 19930610; AT E164209 T1 19980415; CZ 279137 B6 19950118; CZ 368091 A3 19930616; DE 59209243 D1 19980423; DK 0615583 T3 19990111; EP 0615583 A1 19940921; EP 0615583 B1 19980318; ES 2113443 T3 19980501; GR 3026601 T3 19980731; JP 3231771 B2 20011126; JP H07504723 A 19950525; SK 368091 A3 19940511; SK 66094 A3 19941109; US 5477677 A 19951226

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