

Title (en)

Hydraulic machine, in particular a hydraulic pressure exchanger

Title (de)

Hydraulikmaschine, insbesondere Hydraulikdruckaustauscher

Title (fr)

Machine hydraulique, en particulier un échangeur de pression hydraulique

Publication

EP 3020968 B1 20160824 (EN)

Application

EP 14193210 A 20141114

Priority

EP 14193210 A 20141114

Abstract (en)

[origin: EP3020968A1] A hydraulic machine, in particular hydraulic pressure exchanger, is provided comprising a drum having a first end face and a second end face and being rotatable about an axis, said drum comprising at least a cylinder (4), a piston (15) being arranged in said cylinder (4), said piston (15) being moveable in a first moving direction and in a second moving direction opposite to said first moving direction, said piston dividing said cylinder in a first section opening in said first end face and a second section opening in said second end face. Such hydraulic pressure exchanger should be operated with a low noise. To this end braking means are provided for at least of said moving directions, said braking means braking said piston (15) before reaching an end stop.

IPC 8 full level

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CPC (source: CN EP)

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Cited by

US2023020630A1; EP4130492A1; EP4036421A1; CN114810684A; US11920573B2

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