

Title (en)

REGULATING DEVICE FOR HYDROSTATIC PISTON MACHINES

Title (de)

VERSTELLVORRICHTUNG FÜR HYDROSTATISCHE KOLBENMASCHINEN

Title (fr)

DISPOSITIF DE REGLAGE POUR DES MACHINES A PISTON HYDROSTATIQUES

Publication

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Application

EP 03727295 A 20030411

Priority

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Abstract (en)

[origin: WO03095831A1] The invention relates to a regulating device for hydrostatic piston machines consisting of an actuating piston (2) which can be moved between two end positions and which can be impinged upon by actuating pressure exerted thereon in an opposite direction. An actuating pressure regulating valve (5) is used to regulate the actuating pressure. The actuating regulating valve (5), which is used to regulate the actuating pressure, comprises a regulating piston which can be shifted from a neutral position and which can be impinged upon with a regulating force which is dependent on the position of the actuating piston (2). The regulating force is directed counter to a control force acting upon the regulating piston (6) and the regulating force is zero when the regulating device (1) is in a rest position. When the regulating device (1) is in a rest position, the regulating piston (6) is in a neutral position and the actuating piston (2) is a specific end position.

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