

Title (en)

DAMPING DEVICE AND METHOD FOR DAMPING MOVEMENTS IN A DAMPING DEVICE

Title (de)

DÄMPFUNGSVORRICHTUNG SOWIE VERFAHREN ZUM BEDÄMPFEN VON BEWEGUNGEN IN EINER DÄMPFUNGSVORRICHTUNG

Title (fr)

SYSTEME D'AMORTISSEMENT ET PROCEDE POUR AMORTIR LES MOUVEMENTS DANS UN SYSTEME D'AMORTISSEMENT

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Application

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Abstract (en)

[origin: WO03033935A1] A damping device (10) is disclosed, amongst other things, comprising at least one damping arrangement (20) with at least one first chamber (21) for a damping medium, at least one second chamber (22) for a damping medium and at least one moving damping element (23), arranged between the at least one first (21) and the at least one second chamber (22), for example, a piston. According to the invention, a damping of the damping device (10), in particular of movement at high frequencies, may be achieved, whereby at least one first chamber (21) of the of the first damping arrangement (20) is connected to at least one second chamber (22) in the first damping arrangement (20), by means of at least one by-pass line (11; 12, 13). At least one second damping arrangement (30) is arranged in the by-pass line (11; 12, 13). Said second damping arrangement (30) comprises at least one moving damping element (33), for example, a piston and the moving damping element (33) of the second damping arrangement (30) is connected in at last two parts to a drive (35) embodied as at least one piezo actuator.

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