

Title (en)
FRICTION DAMPER

Title (de)
REIBUNGSDÄMPFER

Title (fr)
DISPOSITIF AMORTISSEUR A FRICTION

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Application
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Abstract (en)
[origin: WO2005116479A1] The invention relates to a friction damper comprising at least two guided relatively displaceable assemblies (100, 200), one of which is connected to a fixed reference and the other is movable, an intermediate member (300) which rests on the first assembly (100) and is relatively frictionally movable with respect thereto by an applied force and elastic means (400) acting upon said intermediate member. Said invention is characterised in that said elastic means (400) at standstill loads said intermediate member (300) resting on the first assembly (100) and the device also comprises control means (500) disposed between the intermediate member (300) and the second assembly (200) in such a way that the relative displacement between the two assemblies (100, 200) in a first relative displacement direction therebetween is braked by a friction force defined by the elastic means (400), while in the second relative displacement direction between the two assemblies (100, 200), while the control means (500) acts on the elastic means (400) in order to modify the force applied on the intermediate member (300), in the second relative displacement direction between the two assemblies (100, 200).

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