

Title (en)
DAMPER

Title (de)
DÄMPFER

Title (fr)
AMORTISSEUR

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Application
EP 00971282 A 20000922

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Abstract (en)
[origin: WO0127375A1] The invention relates to a damper (5), especially for washing machines with a spin gear, comprising a push rod (13) which is moveably guided in a housing (11) and extends out from the end of said housing; and a push rod position measuring device for determining the depth (T) to which the push rod (13) is pushed into the housing (11). Said device has a first measuring element which is connected to the housing (11) and a second measuring element which is connected to the push rod (13), for electrically and/or magnetically interacting with the first measuring element. The first and second measuring elements can be pushed into each other. An evaluating unit (57) for giving electrical signals and for receiving and processing electrical signals for determining the depth (T) to which the push rod (13) is pushed into the housing (11) is provided and is electroconductively connected to the first measuring element or the second measuring element. A friction damping unit for producing a predetermined friction damping effect is also provided between the housing (11) and the push rod (13). The push rod (13) can be displaced almost stictionlessly in relation to the housing (11) within the range of a predetermined change in the depth (T) to which the push rod (13).

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Cited by
EP2319972A1; DE102005038953A1; DE102008049907B4; USRE45461E; US7971693B2; DE102008049907A1; WO2008012651A3; US8432160B2; EP2698465A1; EP2372184A1; WO2011120758A1

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