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Abstract (en)
[origin: WO2006066662A1] The invention relates to a door closer (1) comprising an output shaft (9), which can be actuated by a spring assembly in the closing direction, a damping piston (19) that interacts with the latter, a pivoting actuating arm that is coupled to the output shaft (9) outside the housing (13) and a cam plate (2) that is connected to the output shaft (9) inside the housing (13). The curved trajectory of said plate, corresponding to the opening direction, is subjected to the action of an opening piston (18) by means of at least one force transmission roller (10, 11) and the curved trajectory of the plate, corresponding to the closing direction, is subjected to the action of the damping piston (19) by means of at least one additional force transmission roller. The damping piston (19) and the opening piston (18) are mounted to prevent torsion in relation to the cam plate (2) and said anti-torsion mounting is configured by at least two fixing bolts (15) that run along the axis of the housing (13) and transversally to the alignment of the closer shaft. At least one of the fixing bolts (15) runs along each side of the output shaft (9) and each cam plate (2) and force transmission roller (10, 11) comprises a peripheral recess in the form of a groove (7, 12), in which the fixing bolts are inserted (15).

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