

Abstract

The invention relates to a door closer (10) having a drive shaft (20), which is connectable to a door leaf and rotatably supported, the drive shaft (20) being connected
5 to a cam disc (22) within a housing (15), the cam disc (22) being disposed between at least one supporting means (23) and at least one pressure means (24), the supporting means (23) and the pressure means (24) being located at a cam plate unit (25), a piston (30) for
10 damping purposes being disposed in the housing (15), and the piston (30) subdividing the housing (15) filled with compression medium into two pressure compartments (26, 27) and being connected to the cam plate unit (25), having a spring (28) which on the one
15 hand cooperates with the piston (30) and on the other hand with the housing (15), the piston (30) having a coupling element (40) and an exterior element (50), and the coupling element (40), at least partially, being positively supported in a reception (51) of the exterior
20 element (50), the reception (51) and an external surface (41) of the coupling element (40) having grooves (42, 52), a retaining ring (60) connecting the coupling element (40) and the exterior element (50), and being at least partially disposed in both grooves (42, 52) such
25 that it is inaccessibly supported within the piston (30).

(See Figure 1)