

Title (en)
DOOR CLOSER AND REFRIGERATOR COMPRISING SAME

Title (de)
TÜRSCHLIESSER UND KÜHLSCHRANK DAMIT

Title (fr)
FERME-PORTE ET RÉFRIGÉRATEUR LE COMPRENANT

Publication
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Application
EP 19791803 A 20190422

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• CN 2019083724 W 20190422

Abstract (en)
[origin: EP3786400A1] A door closer according to the present invention comprises a hinge plate, a hinge shaft disposed on the hinge plate, and an adapter disposed rotatably around the hinge shaft. The door closer further comprises a cam disposed on the hinge shaft, a peripheral side of the cam retracts inward the cam to form a first recessed region, an elastic mechanism is provided in the adapter, and the elastic mechanism has an abutting end for elastically abutting against the periphery of the cam; during the turning of the adapter, the abutting end moves relative to the periphery of the cam, and when the adapter turns to the side of the first recessed region of the cam, the abutting end enters the first recessed region to lock a positional relationship between the adapter and the hinge plate.

IPC 8 full level
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Citation (search report)
• [XY] US 2014145576 A1 20140529 - WHITE BRIAN [US], et al
• [X] US 3452387 A 19690701 - JERILA TORSTI T T, et al
• [Y] EP 2789944 A2 20141015 - SAMSUNG ELECTRONICS CO LTD [KR]
• See references of WO 2019206093A1

Designated contracting state (EPC)
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