Title (en)

AN INNOVATIVE DOOR DECELERATION MECHANISM

Title (de)

INNOVATIVER TÜRENTSCHLEUNIGUNGSMECHANISMUS

Title (fr)

MÉCANISME DE DÉCÉLÉRATION DE PORTE INNOVANT

Publication

EP 3358112 B1 20200909 (EN)

Application

EP 18150781 A 20180109

Priority

TR 201701701 A 20170206

Abstract (en)

[origin: EP3358112A1] The present invention relates to a door deceleration mechanism (1) which essentially comprises at least one fixed bracket (2) which is fixed on the volume on which the door is closed, an upper bracket (3) which is fixed on the door, at least one first arm (4) which is connected on the fixed bracket (2) from one side, and which can freely rotate centered around the connection point, at least one second arm (5) which is connected on the upper bracket (3) from one side and on the first arm (4) from the other side, at least one third arm (6) which can freely rotate through the connection points of the first arm (4) and the upper bracket (3), at least one guide arm (7) which is connected to the fixed bracket (2) from one side and to the third arm (6) from the other side, which can freely rotate through the connection points, and which guides the third arm (6) during the opening and closing movement of the door; which prevents the doors from closing too fast especially in built-in fridges and similar household appliances.

IPC 8 full level

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