

Title (en)
DAMPING UNIT FOR A LIFT

Title (de)
DÄMPFUNGSEINHEIT FÜR EINEN AUFZUG

Title (fr)
UNITÉ D'AMORTISSEMENT POUR ASCENSEUR

Publication
EP 2855328 B1 20160525 (DE)

Application
EP 13726483 A 20130524

Priority
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Abstract (en)
[origin: WO2013175003A1] A damping unit (1) for a lift, for reducing vertical oscillations of a car (2) when at a standstill, has brake-shoe holders (8, 8') provided with brake shoes (7, 7'). The brake-shoe holders (8, 8') are connected to a common electric motor (4) via a toothed-gearing mechanism. The toothed-gearing mechanism has a central driving gearwheel (11), which adjoins a drive shaft (17) of the motor (4), and eccentric gearwheels (12, 12'), which are each assigned to a brake shoe (7, 7') and are in operative connection with the driving gearwheel (11). The brake shoes (7, 7') are supported resiliently on the respective brake-shoe holder (8, 8') in each case via two helical compression springs (5).

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