

Title (en)
ELECTROMECHANICAL BRAKE BOOSTER

Title (de)
ELEKTROMECHANISCHER BREMSKRAFTVERSTÄRKER

Title (fr)
AMPLIFICATEUR ÉLECTROMÉCANIQUE DE FORCE DE FREINAGE

Publication
EP 2280856 A1 20110209 (DE)

Application
EP 09737926 A 20090310

Priority
• EP 2009052755 W 20090310
• DE 102008001522 A 20080430

Abstract (en)
[origin: WO2009132882A1] The invention relates to an electromechanical brake booster (1) with an electric motor (5) and a helical gearing (6), said brake booster coupling an auxiliary force via a driver (14) into a piston rod (2). The invention proposes connecting a spindle (12) of the helical gearing (6) elastically via a spring element (15) to the piston rod (2) such that, in the event of rapid actuation of the brake, the helical gearing (6) and a rotor (7) of the electric motor (4) do not have to be accelerated entirely by means of muscular power. The muscular power required for actuating a brake is reduced as a result in the event of a rapid actuation of the brake.

IPC 8 full level
B60T 13/74 (2006.01); **F16D 65/28** (2006.01)

CPC (source: EP US)
B60T 13/745 (2013.01 - EP US)

Citation (search report)
See references of WO 2009132882A1

Cited by
DE102018209464A1; WO2019238472A1

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