

Title (en)
APPLIANCE FOR EMITTING FORCE

Title (de)
GERÄT ZUR KRAFTABGABE

Title (fr)
APPAREIL DELIVRANT UNE FORCE

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Application
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Abstract (en)
[origin: WO2007118571A1] The invention relates to an appliance for emitting force, in particular for holding parts or for onward movement, having at least one drive unit (2) which contains at least one actuator (33) which can be operated by electrical power and/or fluid force and is suitable for exerting tensile and/or compressive forces. One drive unit (2) comprises a force-emitting structure (15) which has two sidepieces (16, 17) which can be bent resiliently elastically, extend alongside one another towards a head area (14), starting from a foot area (13) in the direction of a main axis (12) and approaching one another, and which sidepieces (16, 17) are connected to one another via coupling struts (26) which are articulated on them, are separated in the direction of the major axis (12), and then transversely to this major axis (12). The actuator (33) acts on the force-emitting structure (15) such that, when it is activated, the force-emitting structure (15) deflected sideways, with the sidepieces (16, 17) being bent elastically.

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