

Title (en)

ACTUATION PEDAL, HYDRAULIC SYSTEM, PNEUMATIC SYSTEM, VEHICLE, METHOD OF ASSEMBLING AN ACTUATION PEDAL

Title (de)

BETÄTIGUNGSPEDAL, HYDRAULISCHES SYSTEM, PNEUMATISCHES SYSTEM, FAHRZEUG, VERFAHREN ZUM ZUSAMMENBAU EINES BETÄTIGUNGSPEDALS

Title (fr)

PÉDALE D'ACTIONNEMENT, SYSTÈME HYDRAULIQUE, SYSTÈME PNEUMATIQUE, VÉHICULE, PROCÉDÉ D'ASSEMBLAGE D'UNE PÉDALE D'ACTIONNEMENT

Publication

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Application

EP 20202965 A 20201021

Priority

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Abstract (en)

The invention relates to an actuation pedal (100) comprising a pedal lever (140) rotatable in a housing (110); a stop bar (180), which is detachably fixed to the housing (110) and arranged to limit the lever rotation (RL) of the pedal lever (140), the stop bar (180) comprising a stop feature (182) adapted to interfere with a lever hook (142) fixed to the pedal lever (140), defining an end stop (SE) of the lever rotation (RL); a push rod (160), arranged to contact the pedal lever (140) on a pedal end (162) and a piston (120) on an opposing piston end (164), wherein the push rod (160) is adapted to transform the lever rotation (RL) into an actuation translation (TA) for a piston (120), wherein the piston (120) is adapted to build up a pressure (P) on a medium (122, 124) upon receiving the actuation translation (TA).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XAYI] JP S6194922 U 19860619
- [YA] US 10768656 B1 20200908 - KAPOCS MARCEL [SE], et al
- [YA] DE 102010031369 A1 20120119 - ZAHNRADFABRIK FRIEDRICHSHAFEN [DE]
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