

Title (en)

CONTROL CYLINDER FOR AN ENGINE BRAKE HAVING MEANS FOR GENERATING A SPRING-BACK

Title (de)

STEUERZYLINDER FÜR EINE MOTORBREMSE MIT MITTELN ZUR ERZEUGUNG EINER RÜCKFEDERUNG

Title (fr)

CYLINDRE DE COMMANDE POUR UN FREIN DE MOTEUR COMPRENANT DES MOYENS POUR GÉNÉRER UN RETOUR ÉLASTIQUE

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Application

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Abstract (en)

[origin: WO2012172056A1] The invention relates to a control cylinder (12) for an engine brake for providing a deceleration function by throttling the exhaust-gas flow at the outlet side of a turbocharger (2) of a vehicle engine (1), comprising a cylindrical housing (13) for accommodating a piston (14) with a piston rod (15), which piston serves for dividing the housing (13) into a spring chamber (16) for accommodating a restoring spring (17) for the piston rod (21) and a pressure chamber (18) for the generation of an actuating force by the piston (14) under the action of compressed air, wherein the piston (14) interacts with means for generating a spring-back, wherein the means for generating the spring-back are formed within the cylindrical housing (13) as elastic spacers between the piston (14) and piston rod (15).

IPC 8 full level

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