

Title (en)
HYDRAULIC BRAKE SYSTEM WITH SLIP CONTROL.

Title (de)
HYDRAULISCHE, SCHLUPFGEREGLTE BREMSANLAGE.

Title (fr)
SYSTEME DE FREINAGE HYDRAULIQUE A GLISSEMENT CONTROLE.

Publication
EP 0429550 A1 19910605 (DE)

Application
EP 89912444 A 19891101

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Abstract (en)
[origin: WO9005081A2] A brake system has a restoring unit for exerting a restoring force on the pedal. As the pedal simultaneously actuates a control valve (9) which determines the servo-power, exertion of a restoring force is accompanied by a reduction in the servo-power. The wall (40) on which the restoring forces act can be advantageously arranged in the servo housing (5) between the master cylinder (1) and the servo wall (6). As it undergoes only relatively small displacements in relation to the servo wall (6), the overall length of the servo housing (5) is not basically increased. Other alternative embodiments are also disclosed.

Abstract (fr)
Système de freinage comprenant une unité de rappel grâce à laquelle on peut exercer sur la pédale une force de rappel. Comme la pédale actionne simultanément une soupape de commande (9) qui détermine la force du servomécanisme, tout rappel s'accompagne d'une diminution de la force du servomécanisme. La paroi (40) qui absorbe la force de rappel peut avantageusement être agencée dans le carter (5) du servomécanisme, entre le cylindre principal (1) et la paroi (6) du servomécanisme. Comme elle ne se déplace que sur des trajectoires beaucoup plus courtes que la paroi (6) du servomécanisme, il n'est pas besoin d'allonger de beaucoup le carter (5) du servomécanisme. La description contient d'autres modes de réalisation possibles.

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IPC 8 full level
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See references of WO 9005081A2

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