

Title (en)  
RETARDER BRAKING MOMENT ADAPTATION DURING CLUTCHING AND GEAR CHANGING

Title (de)  
RETARDERBREMSMOMENTENANPASSUNG BEIM KUPPELN UND SCHALTEN

Title (fr)  
ADAPTATION DU COUPLE DE FREINAGE D'UN RALENTISSEUR LORS DE L'EMBRAYAGE/DEBRAYAGE ET DU CHANGEMENT DE VITESSE

Publication  
**EP 0932538 A1 19990804 (DE)**

Application  
**EP 97913143 A 19971015**

Priority  
• DE 19643086 A 19961018  
• EP 9705673 W 19971015

Abstract (en)  
[origin: DE19643086A1] The invention relates to a regulating device for a primary braking system in the drive train of a vehicle, especially a primary retarder in a vehicle. Said device comprises at least one control/regulator unit (12), a means of detecting gear shifts transmitting at least one measuring signal, and at least one actuator (6) enabling the braking moment of the primary braking system to be adjusted. The regulating device is characterized in that the at least one control/regulator unit controls the at least one actuator in order to adjust the braking moment of the primary braking system according to the measuring signal or measuring signals in such a way that the braking moment of the primary brake is reduced for the entire duration of a gear shift.

IPC 1-7  
**B60T 10/02**

IPC 8 full level  
**B60T 10/00** (2006.01); **B60T 10/02** (2006.01); **B60W 10/06** (2006.01); **B60W 10/10** (2012.01); **B60W 30/18** (2012.01); **F01P 3/20** (2006.01)

CPC (source: EP KR US)  
**B60T 10/02** (2013.01 - EP KR US); **B60W 10/02** (2013.01 - EP US); **B60W 10/06** (2013.01 - EP US); **B60W 10/10** (2013.01 - EP US); **B60W 10/11** (2013.01 - EP US); **B60W 30/18** (2013.01 - EP US)

Citation (search report)  
See references of WO 9817517A1

Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
**DE 19643086 A1 19980423**; **DE 19643086 B4 20070510**; **DE 19643086 C5 20090709**; EP 0932538 A1 19990804; JP 2001502629 A 20010227; KR 20000052647 A 20000825; US 6267705 B1 20010731; WO 9817517 A1 19980430

DOCDB simple family (application)  
**DE 19643086 A 19961018**; EP 9705673 W 19971015; EP 97913143 A 19971015; JP 51891298 A 19971015; KR 19997003418 A 19990419; US 28452899 A 19990629