

Title (en)  
Antiskid control device

Title (de)  
Antirutsch-Steuerungsgerät

Title (fr)  
Appareil de régulation antipatinage

Publication  
**EP 0712770 B8 20021120 (EN)**

Application  
**EP 95117689 A 19951109**

Priority  
JP 28183394 A 19941116

Abstract (en)  
[origin: EP0712770A2] An antiskid control device (K1-K5) which calculates an estimated fluid pressure (PTi) of each of wheel cylinders (2A-2D) under antiskid control in each control cycle so as to adjust a fluid pressure of each of the wheel cylinders (2A-2D) on the basis of the estimated fluid pressure (PTi) and behaviors of wheels, comprising: a differential pressure detecting member which detects a difference between a fluid pressure of a master cylinder (1) and the fluid pressure of each of the wheel cylinders (2A-2D) so as to produce an output signal indicative of the difference between the fluid pressure of the master cylinder (1) and the fluid pressure of each of the wheel cylinders (2A-2D); wherein when on the basis of the output signal of the differential pressure detecting member (SS, SSW, PSWi, SPSi), the difference between the fluid pressure of the master cylinder (1) and the fluid pressure of each of the wheel cylinders (2A-2D) is found to be in the vicinity of zero, the estimated fluid pressure (PTi) of each of the wheel cylinders (2A-2D) is set to a predetermined value (PTmax) by stopping addition in calculation of the estimated fluid pressure (PTi). <IMAGE>

IPC 1-7  
**B60T 8/32**

IPC 8 full level  
**B60T 8/1761** (2006.01); **B60T 8/42** (2006.01); **B60T 8/58** (2006.01)

CPC (source: EP KR US)  
**B60T 8/00** (2013.01 - KR); **B60T 8/17613** (2013.01 - EP US); **B60T 8/4275** (2013.01 - EP US); **Y10S 303/01** (2013.01 - EP US); **Y10S 303/04** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0712770 A2 19960522**; **EP 0712770 A3 19981104**; **EP 0712770 B1 20020220**; **EP 0712770 B8 20021120**; DE 69525505 D1 20020328; DE 69525505 T2 20021002; JP 3428181 B2 20030722; JP H08142836 A 19960604; KR 0184667 B1 19990401; KR 960017388 A 19960617; US 5545929 A 19960813

DOCDB simple family (application)  
**EP 95117689 A 19951109**; DE 69525505 T 19951109; JP 28183394 A 19941116; KR 19950041707 A 19951116; US 55277295 A 19951103