

Title (en)

METHOD OF IMPROVING THE CONTROL BEHAVIOUR OF AN ABS FOR OFF-ROAD VEHICLES

Title (de)

VERFAHREN ZUR VERBESSERUNG DES REGELVERHALTENS EINES ABS FÜR GELÄNDEGÄNGIGE FAHRZEUGE

Title (fr)

PROCEDE POUR AMELIORER LE COMPORTEMENT DE REGULATION D'UN ABS POUR VEHICULES TOUT-TERRAIN

Publication

EP 0861174 A1 19980902 (DE)

Application

EP 96934742 A 19961018

Priority

- DE 19544445 A 19951129
- EP 9604531 W 19961018

Abstract (en)

[origin: DE19544445A1] The invention concerns the improvement of the control behaviour of an anti-lock braking system for off-road vehicles. The control system is designed such that, at a vehicle reference speed (VREF) below a predetermined speed limit (vG), it is only when one wheel of an axle has locked that the anti-lock braking system is applied for the second wheel of the axle. Therefore, in principle, one wheel of an axle is allowed to lock at this low speed. On the other hand, the control system can be designed such that a special control mode is activated when "off-road travel" and a low vehicle speed are detected.

IPC 1-7

B60T 8/00

IPC 8 full level

B60T 8/58 (2006.01); **B60T 8/176** (2006.01); **B60T 8/1769** (2006.01)

CPC (source: EP)

B60T 8/1769 (2013.01); **B60T 2210/16** (2013.01)

Citation (search report)

See references of WO 9719841A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 19544445 A1 19970605; **DE 19544445 B4 20070906**; EP 0861174 A1 19980902; JP 2000500717 A 20000125; WO 9719841 A1 19970605

DOCDB simple family (application)

DE 19544445 A 19951129; EP 9604531 W 19961018; EP 96934742 A 19961018; JP 52009697 A 19961018