

Title (en)

AUTOMATIC TRANSMISSION TORQUE LIMITING METHOD

Title (de)

VERFAHREN ZUR DREHMOMENTBEGRENZUNG EINES AUTOMATISCHEN GETRIEBES

Title (fr)

PROCEDE DE LIMITATION DU COUPLE D'UNE TRANSMISSION AUTOMATIQUE

Publication

**EP 0851814 A1 19980708 (FR)**

Application

**EP 96932621 A 19960920**

Priority

- FR 9601467 W 19960920
- FR 9511136 A 19950922

Abstract (en)

[origin: WO9710965A1] A method for limiting the input torque of an automatic transmission provided with a hydraulic torque converter and combined with a drive engine, wherein the converter speed ratio  $i = \omega_T / \omega_m$  is continuously determined on the basis of measurements of the converter turbine speed  $\omega_T$  and the engine speed  $\omega_m$ , a maximum value  $\omega_{m\lim}$  for the engine speed  $\omega_m$  is defined for each value of  $i$ , which maximum value must not be exceeded if the transmission is not to be overloaded, and the sign and amplitude of the quantity  $\Delta \omega_{m\lim}(i) = \omega_{m\lim}(i) - \omega_m$  are monitored.

IPC 1-7

**B60K 41/04**; **F02D 35/00**

IPC 8 full level

**B60W 10/06** (2006.01); **B60W 30/18** (2012.01); **F02D 35/00** (2006.01); **F02D 41/04** (2006.01); **F16H 59/46** (2006.01); **F16H 63/40** (2006.01)

CPC (source: EP)

**B60W 10/04** (2013.01); **B60W 10/06** (2013.01); **B60W 10/10** (2013.01); **B60W 30/18** (2013.01); **B60W 30/1819** (2013.01); **F02D 35/00** (2013.01); **F02D 41/04** (2013.01); **B60W 2710/0666** (2013.01); **F16H 63/40** (2013.01); **F16H 2059/467** (2013.01)

Citation (search report)

See references of WO 9710965A1

Cited by

CN106515710A

Designated contracting state (EPC)

BE DE GB

DOCDB simple family (publication)

**WO 9710965 A1 19970327**; EP 0851814 A1 19980708; FR 2739064 A1 19970328; FR 2739064 B1 19971031

DOCDB simple family (application)

**FR 9601467 W 19960920**; EP 96932621 A 19960920; FR 9511136 A 19950922