

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 ω_T and the engine speed ω_m , a maximum value $\omega_{m\lim}$ for the engine speed ω_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.

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