

Title (en)  
TRANSMISSION NEUTRALIZING SYSTEM.

Title (de)  
SYSTEM FÜR DIE LEERLAUFSCHALTUNG VON GETRIEBEN.

Title (fr)  
SYSTEME DE NEUTRALISATION DE TRANSMISSION.

Publication  
**EP 0110880 A4 19840629 (EN)**

Application  
**EP 82902220 A 19820527**

Priority  
US 8200734 W 19820527

Abstract (en)  
[origin: WO8304292A1] A transmission neutralizing system for a vehicle includes a transmission control mechanism (28) movable between at least two opposed drive positions and an intermediate neutral position. The transmission control mechanism (28) has an arm and roller combination (60, 70) movable therewith and a control element (72) movable between engaged and disengaged positions. The control element (72) has an arcuate cam surface (73) to engage the roller (70) and urge the transmission control mechanism (28) toward the neutral position when the vehicle parking brake (8) is engaged. A fluid motor (76) responsive to fluid pressure in the parking brake circuit (8) moves the control element (72) to a disengaged position against the bias of a spring (84) to allow free movement of the transmission shift control mechanism (28) between the neutral and drive positions, when the vehicle parking brake (8) is disengaged.

IPC 1-7  
**F16H 57/10**; **B60K 41/00**

IPC 8 full level  
**B60K 20/00** (2006.01); **B60T 11/10** (2006.01); **B60W 10/08** (2006.01); **B60W 10/10** (2012.01); **B60W 10/18** (2012.01); **F16H 61/22** (2006.01); **F16H 61/26** (2006.01); **F16H 61/30** (2006.01); **F16H 63/04** (2006.01); **F16H 63/12** (2006.01); **F16H 63/34** (2006.01); **F16H 59/54** (2006.01); **F16H 61/18** (2006.01)

CPC (source: EP)  
**B60T 11/103** (2013.01); **B60W 10/10** (2013.01); **B60W 10/18** (2013.01); **F16H 61/22** (2013.01); **B60W 2510/186** (2013.01); **F16H 59/54** (2013.01); **F16H 61/18** (2013.01); **F16H 2059/0295** (2013.01); **F16H 2061/226** (2013.01)

Citation (search report)  
[A] GB 1230969 A 19710505

Designated contracting state (EPC)  
AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)  
**WO 8304292 A1 19831208**; EP 0110880 A1 19840620; EP 0110880 A4 19840629; JP S59500909 A 19840524

DOCDB simple family (application)  
**US 8200734 W 19820527**; EP 82902220 A 19820527; JP 50234682 A 19820527