

Title (en)
ADAPTIVE SWITCHING CIRCUIT.

Title (de)
ADAPTIVER SCHALTKREIS.

Title (fr)
CIRCUIT DE COMMUTATION ADAPTATIF.

Publication
EP 0248849 A4 19891212 (EN)

Application
EP 87900015 A 19861211

Priority
AU PH382885 A 19851211

Abstract (en)
[origin: WO8703548A1] An adaptive switching circuit for switching electrical power to a load, such as turn indicator lamps in a motor vehicle. The switching circuit comprises load switching means (17, T3) for conducting electrical power to the load upon actuation and timing means (15, 23) for intermittently actuating the load switching means. The switching circuit includes measuring means (14, 23) for measuring a value of electrical current associated with the power and memory means (13, 35) for storing at least one value of electrical current. The switching circuit also includes comparator means (16, 23) for comparing the stored value of current with the measured value and means for indicating whenever the stored value of current differs from the measured value by a predetermined amount. The stored value of electrical current may be an averaged or normalized representation of the value of electrical current. The averaged or normalized representation of current may be calculated by reference to the voltage associated with the electrical power.

IPC 1-7
B60Q 1/34; **B60Q 1/38**

IPC 8 full level
B60L 1/14 (2006.01); **B60Q 1/38** (2006.01); **B60Q 11/00** (2006.01); **H01H 47/02** (2006.01); **H02H 3/00** (2006.01); **H02M 1/00** (2006.01)

CPC (source: EP KR US)
B60Q 1/34 (2013.01 - KR); **B60Q 1/38** (2013.01 - EP US)

Citation (search report)
• [A] US 3876976 A 19750408 - CROSS JR ROGER H
• [A] US 3728713 A 19730417 - ALTEN R
• [A] US 3618079 A 19711102 - DENNING EVERETT L, et al
• [A] DE 3335392 A1 19850411 - SIEMENS AG [DE]
• [A] DE 2836619 A1 19800306 - BOSCH GMBH ROBERT
• [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 166 (M-314)(1603) 02 August 1984, & JP-A-59 63245 (HONDA GIKEN KOGYO K.K) 10 April 1984,
• See references of WO 8703548A1

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

DOCDB simple family (publication)
WO 8703548 A1 19870618; BR 8607028 A 19871201; DK 416787 A 19870811; DK 416787 D0 19870811; EP 0248849 A1 19871216; EP 0248849 A4 19891212; JP S63501942 A 19880804; KR 880700748 A 19880412; MY 100456 A 19901015; ZA 869336 B 19880427

DOCDB simple family (application)
AU 8600380 W 19861211; BR 8607028 A 19861211; DK 416787 A 19870811; EP 87900015 A 19861211; JP 50023486 A 19861211; KR 870700701 A 19870811; MY PI19860198 A 19861211; ZA 869336 A 19861210