

Title (en)

METHOD FOR DETECTING A MALFUNCTION IN AN ELECTROMAGNETIC RETARDER

Title (de)

VERFAHREN ZUM DETEKTIEREN EINER FEHLFUNKTION IN EINEM ELEKTROMAGNETISCHEN RETARDIERER

Title (fr)

PROCÉDÉ DE DÉTECTION DE DÉFAUT DE FONCTIONNEMENT D'UN RALENTISSEUR ÉLECTROMAGNÉTIQUE

Publication

**EP 1964248 A1 20080903 (FR)**

Application

**EP 06841953 A 20061215**

Priority

- FR 2006002750 W 20061215
- FR 0553939 A 20051219

Abstract (en)

[origin: FR2895166A1] The method involves comparing, in a control box (19) of an electromagnetic retarder, a theoretical intensity (It) of a current injected in primary coils (8) by the box and an effective intensity (Ie) of the current circulating in the coils for identifying a defect when difference between the intensities is greater than a threshold value. The comparison step includes the determination of the difference between the theoretical intensity and a minimum or maximum value of the effective intensity during a predetermined time interval. An independent claim is also included for an electromagnetic retarder.

IPC 8 full level

**H02K 11/04** (2006.01); **H02K 49/04** (2006.01); **H02P 9/00** (2006.01)

CPC (source: EP US)

**B60L 7/28** (2013.01 - EP US); **H02H 7/085** (2013.01 - EP US); **H02K 11/042** (2013.01 - EP US); **H02K 49/043** (2013.01 - EP US); **H02P 9/006** (2013.01 - EP US); **Y02T 10/64** (2013.01 - EP US)

Citation (search report)

See references of WO 2007080279A1

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