

Title (en)
ELECTRONICALLY CONTROLLED ELECTROMAGNETIC BATTERY SWITCH

Publication
EP 0155983 B1 19870204 (FR)

Application
EP 84108720 A 19840724

Priority
FR 8405093 A 19840330

Abstract (en)
[origin: ES8700494A1] Electronically controlled battery electromagnetic cut-out breaking the main circuit and the auxiliary circuit and being intrinsically safe, characterized in that it includes a driving electromagnet (4) with a plunger core (10) of which the drive shaft (12,14) carries, by means of an insulating intermediate part (16), a central connecting part (17) intended for the breaking of the auxiliary circuit (A,D+), as well as a cross piece (18), driven by means of a spring (19) and itself carrying by means of insulating intermediate parts (22,23) two lateral connecting bars (21), returned by return springs (26), and capable of together being applied, in the energized state of the electromagnet (4), against four terminal locations (27 or 27a) in order to ensure the main single or two-pole break, the whole assembly being enclosed with the electronics (35) in a sealed case (1,33,36).

IPC 1-7
B60K 28/00; **H01H 51/06**

IPC 8 full level
B60K 28/00 (2006.01); **B60K 28/14** (2006.01); **H01H 51/06** (2006.01); **H01H 71/24** (2006.01); **H01H 11/00** (2006.01); **H01H 50/02** (2006.01); **H01H 50/54** (2006.01)

CPC (source: EP US)
B60K 28/14 (2013.01 - EP US); **H01H 51/065** (2013.01 - EP US); **H01H 11/0031** (2013.01 - EP US); **H01H 50/021** (2013.01 - EP US); **H01H 50/023** (2013.01 - EP US); **H01H 50/541** (2013.01 - EP US)

Cited by
US5694100A; EP0749144A1; FR2735186A1; FR2755535A1; US5936497A; EP0828275A1; FR2753302A1; US6049263A; EP0751545A1; FR2736100A1; EP0768695A1; FR2739899A1; US5801607A; WO2011009665A1

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