

Title (en)  
ELECTROMAGNETIC SWITCHING DEVICE

Publication  
**EP 0030651 B1 19840314 (DE)**

Application  
**EP 80107317 A 19801124**

Priority  
DE 2948959 A 19791205

Abstract (en)  
[origin: ES8200195A1] The invention relates to a circuit arrangement for actuating an electromagnetic switchgear comprising a switch position indicator, by means of a leading contact that closes a circuit to supply current to an actuating coil of an electromagnet. Main contacts of the switchgear close just after the leading contact. The electromagnet holds all of the contacts in their actuated positions until current through its coil is interrupted.

IPC 1-7  
**H01H 71/68**; **H01H 3/28**

IPC 8 full level  
**H01H 3/28** (2006.01); **H01H 3/50** (2006.01); **H01H 47/00** (2006.01); **H01H 71/68** (2006.01)

CPC (source: EP US)  
**H01H 3/503** (2013.01 - EP US); **H01H 71/685** (2013.01 - EP US)

Citation (examination)

- DE 2732914 A1 19790201 - LICENTIA GMBH
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AT FR GB IT SE

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**EP 0030651 A1 19810624**; **EP 0030651 B1 19840314**; AT E6710 T1 19840315; BR 8007944 A 19810623; DE 2948959 A1 19810611; DE 2948959 C2 19830105; ES 497445 A0 19811016; ES 8200195 A1 19811016; FI 69532 B 19851031; FI 69532 C 19860210; FI 803725 L 19810606; IN 152461 B 19840121; JP S5691331 A 19810724; MX 148553 A 19830504; NO 153444 B 19851209; NO 153444 C 19860319; NO 803646 L 19810609; PT 72162 A 19810101; PT 72162 B 19811217; US 4318065 A 19820302

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