

Title (en)  
ELECTRIC COMMUTATING DEVICE

Publication  
**EP 0097199 B1 19860910 (DE)**

Application  
**EP 82105390 A 19820619**

Priority  
EP 82105390 A 19820619

Abstract (en)  
[origin: ES8305531A1] Disclosed is an electromagnetic switching device of the type having a stationary core and a movable armature pivotably mounted in a guiding support. To adjust and re-adjust the stroke of the armature, the latter is provided with a removable pivot shaft having a polygonal central portion matching the corresponding passage in the armature. The cylindrical ends of the carrier shaft are coaxial with its axis of rotation, whereas the sides of the polygonal portion are unevenly spaced from the axis. An end face of the shaft is provided with indexing marks denoting the selected angular position of the shaft relative to the armature.

IPC 1-7  
**H01H 50/34**

IPC 8 full level  
**H01H 50/34** (2006.01)

CPC (source: EP US)  
**H01H 50/34** (2013.01 - EP US); **H01H 2069/016** (2013.01 - EP US)

Cited by  
US7705700B2; WO2009078925A1

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

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**EP 0097199 A1 19840104; EP 0097199 B1 19860910**; AT E22197 T1 19860915; AU 1561483 A 19831222; AU 562319 B2 19870604; CA 1205113 A 19860527; DE 3273161 D1 19861016; DK 159030 B 19900820; DK 159030 C 19910204; DK 388782 A 19831220; ES 515082 A0 19830501; ES 8305531 A1 19830501; MX 154152 A 19870526; NO 159687 B 19881017; NO 159687 C 19890125; NO 823041 L 19831220; US 4528535 A 19850709

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**EP 82105390 A 19820619**; AT 82105390 T 19820619; AU 1561483 A 19830608; CA 430490 A 19830615; DE 3273161 T 19820619; DK 388782 A 19820831; ES 515082 A 19820818; MX 19770083 A 19830617; NO 823041 A 19820908; US 50484383 A 19830617