

Title (en)

MECHANICAL INTERLOCK FOR ELECTRIC SWITCHES

Publication

**EP 0278894 B1 19921007 (DE)**

Application

**EP 88730006 A 19880113**

Priority

US 436887 A 19870115

Abstract (en)

[origin: US4739672A] A mechanical interlock is provided for a vacuum contactor assembly to insure that the second contactor cannot close after the first contactor closes. The interlock includes a support bracket, a cover plate and an interlock block which has first and second openings and is positioned between the support bracket and the cover plate. First and second ball bearings are positioned in the openings. The cover plate and interlock block are connected to the support bracket. First and second slide members each have an operating arm and a blocking arm with appropriate openings for cooperating with the ball bearings and interlock block openings. The operating arm of one slide is paired with the blocking arm of the other slide so when one operating arm moves the ball bearing it blocks the other slide from moving thereby preventing one of the vacuum contactors from operating.

IPC 1-7

**H01H 9/26**; **H01H 50/32**

IPC 8 full level

**H01H 50/32** (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP US)

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