

Title (en)
Power switch block

Title (de)
Lastschaltleiste

Title (fr)
Dispositif de commutation de puissance

Publication
EP 0563530 B1 19970514 (DE)

Application
EP 93101597 A 19930203

Priority
DE 4210953 A 19920402

Abstract (en)
[origin: EP0563530A1] A power connecting block consists of a housing (1) having a lower part and side walls attached thereto, and having connections for busbars, of a switching cage (7) which can move transversely with respect to the longitudinal axis of the housing (1) and has fuse inserts (which are arranged thereon) and guide webs (9), and of a switching lever (11) having connecting elements (14, 15) which are arranged at a distance from one another and are guided in the side walls of the housing (1) by means of complementary parts (16, 17). In order that only a small amount of space is required when the block is in the switched-off state, and in order that low operating forces on the switching lever are nevertheless achieved, it is provided according to the invention that one connecting element on the rigid, mechanical switching lever (11) is constructed as a rotating journal (15) which is guided in an elongated hole (16), and that the other connecting element on the switching lever (11) is constructed as a bearing journal (14) which is guided in an elongated recess (17), which is arranged at a distance from the elongated hole (16), is parallel thereto and is open to the outside towards the upper edge (37), on the switching-lever side, of the housing, and has a bearing pocket (36) at the opposite, inner end in order to support the bearing journal (14) on the switching lever (11) in a force-fitting manner, and in that a bent free-running link (32) is provided between the bearing pocket (36) and the upper edge (37) of the housing (1). <IMAGE>

IPC 1-7
H01H 31/12; **H01H 9/28**; **H01H 21/84**

IPC 8 full level
H01H 9/28 (2006.01); **H01H 31/12** (2006.01); **H01H 19/635** (2006.01); **H01H 21/16** (2006.01)

CPC (source: EP)
H01H 31/122 (2013.01); **H01H 9/28** (2013.01); **H01H 19/635** (2013.01); **H01H 21/165** (2013.01)

Cited by
EP3671790A1; EP1585156A3; DE102007043137B3; FR2740904A1; CN109216084A; FR2729252A1; EP2428972A3; EP2428972A2; EP2428974A1; EP1246213A3; EP4310877A1; FR3138237A1; EP1921645A2; DE202005021532U1; EP3588526A1; FR3082994A1; EP1993116A1; DE102019116721A1; DE102019116721B4

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