

Title (en)
Electromagnetic protection and control assembly

Title (de)
Elektromagnetische Steuerungs- und Schutzvorrichtung

Title (fr)
Ensemble de protection et de commande électromagnétique.

Publication
EP 1376637 A1 20040102 (FR)

Application
EP 03101681 A 20030610

Priority
FR 0207964 A 20020625

Abstract (en)
The assembly includes a first and second electrical switch apparatus, each having a casing (10,30) with connection bars at the front (19b,39b) and back (19a,39a), which projects on a horizontal connection area at the front (14b,34b) and back (14a,34a) of the casing. The bars are adaptable to be inserted in the openings of the movable power terminal blocks (40,50,60). The assembly contains a common power terminal block (40) allowing electrical connection by locking of the front bars (39a) of the first apparatus, with the rear bars (19b) of the second apparatus, ensuring a mechanical fixation of the apparatus.

Abstract (fr)
L'invention concerne un ensemble de protection et de commande comprenant un premier et un second appareil électrique interrupteur. Chaque appareil possède un boîtier (10,30) muni de barrettes de connexion amont (19b,39b) et aval (19a,39a), qui viennent en saillie sur une plage de raccordement horizontale amont (14b,34b) et aval (14a,34a), du boîtier (10,30). Les barrettes sont susceptibles d'être insérées dans des ouvertures (44) de borniers de puissance (40,50,60) amovibles. L'ensemble comprend un bornier de puissance commun (40) permettant de raccorder électriquement par serrage les barrettes aval (39a) du premier appareil avec les barrettes amont (19b) du second appareil, assurant en outre une fixation mécanique des deux appareils. <IMAGE>

IPC 1-7
H01H 71/08; **H01R 9/24**

IPC 8 full level
H01R 4/38 (2006.01); **H01H 50/04** (2006.01); **H01H 71/08** (2006.01); **H01R 9/24** (2006.01); **H01R 13/514** (2006.01)

CPC (source: EP KR US)
H01H 50/04 (2013.01 - KR); **H01H 71/082** (2013.01 - EP US); **H01R 9/2408** (2013.01 - EP US); **H01R 13/514** (2013.01 - EP US)

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EP 1376637 A1 20040102; **EP 1376637 B1 20130424**; CN 1256748 C 20060517; CN 1487548 A 20040407; ES 2408307 T3 20130620; FR 2841377 A1 20031226; FR 2841377 B1 20040806; JP 2004031354 A 20040129; JP 4242214 B2 20090325; KR 100988718 B1 20101018; KR 20040002675 A 20040107; US 2004042148 A1 20040304; US 6840823 B2 20050111

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