

Title (en)
Electrical and mechanical locking device for contactors

Title (de)
Elektrisch-mechanische Verriegelungsvorrichtung für Schütze

Title (fr)
Dispositif de condamnation électrique et mécanique pour contacteurs

Publication
EP 0715325 A1 19960605 (FR)

Application
EP 95402350 A 19951023

Priority
FR 9414211 A 19941128

Abstract (en)
The latching device includes a housing (1) which is closed by a cover (1') with studs (10') pressed into corresponding recesses (10). It is secured to the two contactors by means of fixed hooks (6') on the housing and cover, and movable hooks (6) designed in one piece and mounted on two springs (9,9'). The input terminals (A',B') on the same side face are connected to output terminals (A,B) on opposite faces by the moving contacts (5,5') which slide within identical levers (2,2') rotating about fixed axes (11,11').

Abstract (fr)
Dispositif de condamnation électrique et mécanique pour contacteurs, destiné à être placé entre deux contacteurs. Les deux connexions d'entrée A', B' et une connexion de sortie A sont situées sur une face latérale du boîtier 1 tandis que l'autre connexion de sortie B est située sur la face latérale opposée. <IMAGE>

IPC 1-7
H01H 50/32; **H01H 50/14**

IPC 8 full level
H01H 50/32 (2006.01); **H01H 51/00** (2006.01)

CPC (source: EP)
H01H 50/323 (2013.01); **H01H 51/005** (2013.01); **H01H 2050/325** (2013.01)

Citation (applicant)
• EP 0495502 A1 19920722 - FUJI ELECTRIC CO LTD [JP]
• FR 2617328 A1 19881230 - TELEMECANIQUE ELECTRIQUE [FR]
• FR 2661548 A1 19911031 - TELEMECANIQUE [FR]

Citation (search report)
• [A] DE 8808041 U1 19880825 & FR 2617328 A1 19881230 - TELEMECANIQUE ELECTRIQUE [FR]
• [A] WO 8503382 A1 19850801 - ALLEN BRADLEY CO [US]
• [DA] EP 0495502 A1 19920722 - FUJI ELECTRIC CO LTD [JP]
• [A] EP 0455534 A1 19911106 - TELEMECANIQUE [FR] & FR 2661548 A1 19911031 - TELEMECANIQUE [FR]

Cited by
EP1197982A1; FR2815171A1

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CH DE IT LI

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