

Title (en)
Four pole contactor

Title (de)
Vierpoliges Schütz

Title (fr)
Contacteur tétrapolaire

Publication
EP 0757369 A2 19970205 (FR)

Application
EP 96401704 A 19960731

Priority
FR 9509597 A 19950804

Abstract (en)
In the four pole contactor each pole features a moving contact bridge (29) cooperating with two fixed contacts. Several such bridges are housed in a common support (e.g. 28a) movable by an electromagnet (Ea). Each pair of power terminals is connected by a conductive fork to a fixed contact, and associated with one of the two bases (10a,10b) containing identical subassemblies (24a,24b). The subassemblies are joined together mechanically by a coupler (36) passing through apertures (34,35) in the sidewalls of the bases. Grooves are provided in the sidewalls for wires interconnecting the two electromagnet coils (Ca,Cb).

Abstract (fr)
Contacteur tétrapolaire composé par assemblage de deux socles identiques présentant chacun deux couples de bornes de puissance. Les socles 10a, 10b, logent des sous-ensembles moteurs identiques 24a, 24b solidaires mécaniquement par une pièce 36 de couplage traversant des lumières 34, 35 des parois latérales des socles. <IMAGE>

IPC 1-7
H01H 50/00; H01H 50/44; H01H 9/40

IPC 8 full level
H01H 9/40 (2006.01); **H01H 50/00** (2006.01); **H01H 50/44** (2006.01)

CPC (source: EP)
H01H 9/40 (2013.01); **H01H 50/00** (2013.01); **H01H 50/443** (2013.01)

Designated contracting state (EPC)
AT CH DE ES GB IT LI SE

DOCDB simple family (publication)
EP 0757369 A2 19970205; **EP 0757369 A3 19970312**; **EP 0757369 B1 19990324**; AT E178159 T1 19990415; DE 69601843 D1 19990429; DE 69601843 T2 19990729; ES 2129253 T3 19990601; FR 2737602 A1 19970207; FR 2737602 B1 19970829; SI 0757369 T1 19991031

DOCDB simple family (application)
EP 96401704 A 19960731; AT 96401704 T 19960731; DE 69601843 T 19960731; ES 96401704 T 19960731; FR 9509597 A 19950804; SI 9630072 T 19960731