Title (en)
ELECTRICAL TERMINATION BLOCK FOR FLAT CONDUCTOR CABLE

Publication
EP 0138039 A3 19860521 (EN)

Application
EP 84110643 A 19840906

Priority
US 52919383 A 19830906

Abstract (en)
[origin: EP0138039A2] A tansition block connector serves as a fastening point for a plurality of terminal screws which extend through holes in the spaced-apart conductors of a flat flexible cable. To provide fastening points for the spaced-apart screws, and to accomodate variations in the spacing between them, mating fasteners are moveably mounted in a housing which is formed of electrically insulating material. The moveable mounting includes a recess in the housing for each fastener which has internal dimensions larger than the external dimensions of the fastener, and a portion of the fastener has a non-circular exterior configuration which cooperates with a portion of the recess having a non circular configuration to prevent rotation of the fastener within the recess while permitting lateral displacement of the fastener relative to the housing. The housing is formed in two parts which define an internal shoulder which in turn cooperates with an external shoulder on the fastener to prevent withdrawal of the fastener from the recess when the two parts of the housing are joined together. A conductive support plate coupled to the housing includes an electromechanically coupled threaded fastener which cooperates with a through opening in the housing to permit coupling of a conductor of a flat cable directly to the support sheet for grounding purposes.

IPC 1-7
H01R 23/66; H01R 9/07

IPC 8 full level
H01R 9/22 (2006.01); H01R 4/34 (2006.01); H01R 9/24 (2006.01); H01R 12/59 (2011.01)

CPC (source: EP)
H01R 12/592 (2013.01)

Citation (search report)
• [A] US 4240687 A 19801223 - BUNNELL EDWARD D [US], et al
• [A] FR 2153954 A5 19730504 - BENDIX CORP

Cited by
GB2269709A; AU667981B2

Designated contracting state (EPC)
BE CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 0138039 A2 19850424; EP 0138039 A3 19860521; AU 3240484 A 19850314; AU 573614 B2 19880616; BR 8404391 A 19850730; CA 1220257 A 19870407; ES 288822 U 19860316; ES 288822 Y 19861001; JP S6062072 A 19850410

DOCDB simple family (application)
EP 84110643 A 19840906; AU 3240484 A 19840824; BR 8404391 A 19840903; CA 462312 A 19840831; ES 288822 U 19840905; JP 16917984 A 19840813