

Title (en)
MODULAR CONNECTOR SYSTEM

Publication
EP 0221158 B1 19900131 (EN)

Application
EP 86903079 A 19860430

Priority

- US 72910285 A 19850430
- US 72910385 A 19850430
- US 72910485 A 19850430
- US 85330686 A 19860417

Abstract (en)
[origin: WO8606556A1] A modular connector includes a housing (18, 181, 191, 518) having an interior surface adapted to engage a mating external surface of one or more contact-receiving and -carrying modules (20, 210, 520, 521) supported within the housing. The wire contacts (64, 65, 66, 600) are removably supported within the module to permit one or more contacts to be removed and replaced without destruction of the entire module. Mating structures of the housing and the module and the contacts repeatably position the housing portions with respect to one another and precisely position the module within the housing laterally, longitudinally, and vertically and precisely position the contacts within the module. The invention also includes a module (520, 521) having an integral sealing boot (578) formed thereon to provide strain relief and effective sealing around the conductor wires (536, 537) entering into the module and between the module and the housing portions.

IPC 1-7
H01R 13/516

IPC 8 full level
H01R 13/514 (2006.01)

CPC (source: EP)
H01R 13/514 (2013.01)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 8606556 A1 19861106; DE 3668731 D1 19900308; EP 0221158 A1 19870513; EP 0221158 B1 19900131

DOCDB simple family (application)
US 8600941 W 19860430; DE 3668731 T 19860430; EP 86903079 A 19860430