

Title (en)
Electrical wiring system.

Title (de)
Elektrisches Installationssystem.

Title (fr)
Système de câblage électrique.

Publication
EP 0665608 A2 19950802 (DE)

Application
EP 94120622 A 19941223

Priority
DE 4402837 A 19940131

Abstract (en)
The connection assembly is for a flat ribbon cable having five electrical wires in parallel that are used for the transmission of electrical energy, e.g. AC, DC, and a further pair of wires used as data transmission lines. A connection with the cable is made by a connector (11) having lower and upper housing blocks that are clamped together. Individual contact elements are screwed in to penetrate insulation and make contact with the wires. Side connections may be made by a plug (31) with bushes (32a,32b) that engages pins (33a,33b).

Abstract (de)
Die Erfindung betrifft ein elektrisches Installationssystem, gebildet durch Flachkabel (1) und Anschlußvorrichtung (11). Das Flachkabel (1) weist im wesentlichen in einer Ebene angeordnete Energieübertragungs- und Datenübertragungsadern (3a-3e; 6a,6b) auf, wobei die Datenübertragungsadern (6a,6b) nicht miteinander verdreht sind. Die Anschlußvorrichtung (11) ist so ausgebildet, daß die Energieübertragungs- und Datenübertragungsadern (3a-3e; 6a,6b) abisoliert durch Durchstechen einer Isolation (24) anschließbar sind. <IMAGE>

IPC 1-7
H01R 4/24; **H01R 9/22**; **H01R 9/07**

IPC 8 full level
H01R 43/00 (2006.01); **H01B 7/08** (2006.01); **H01B 11/00** (2006.01); **H01B 11/06** (2006.01); **H01R 4/24** (2006.01); **H01R 4/34** (2006.01); **H01R 9/22** (2006.01); **H01R 12/59** (2011.01); **H01R 12/61** (2011.01); **H01R 12/67** (2011.01); **H01R 12/70** (2011.01); **H01R 12/77** (2011.01); **H01R 13/6471** (2011.01); **H01R 13/658** (2011.01); **H01R 13/6592** (2011.01)

CPC (source: EP US)
H01R 4/2483 (2013.01 - EP US); **H01R 12/594** (2013.01 - EP US); **H01R 12/616** (2013.01 - EP US); **H01R 12/67** (2013.01 - EP US); **H01R 12/775** (2013.01 - EP US); **H01R 13/6471** (2013.01 - EP US); **H01R 13/6592** (2013.01 - EP US)

Cited by
DE102010014532A1; DE102008058848A1; DE102008058849A1; US6648672B1; EP2031703A2; EP2031704A2; EP2190077A1; DE19741603A1; DE19903030C1; EP1592102A1; DE19618998C1; DE19957545A1; DE19957545C2; DE19947834C1; EP1178571A3; DE102008058849B4; EP0891008A1; EP2031703A3; DE102007041815B4; DE19814182A1; DE19814182C2; FR2759499A1; EP0860899A1; DE10133659A1; DE19613385A1; DE19613385C2; DE102008058848B4; EP1276173A3; EP2287860A1; NL2003317C2; US6551124B1; DE102013002740A1; DE202008013288U1; DE19911415A1; EP2375526A3; EP3319179A1; WO0010232A1; WO0122534A1; WO0030218A1; EP2568551A1; US8895853B2; US6196863B1; EP2568542A1; US8891221B2; EP2385532A1; US8822826B2; DE102007041815A1; EP2375517A2; DE102010014530A1; US8723044B2; EP2375526A2; DE102010014548A1; EP3767750A1; US11283210B2; DE102007041814A1; EP2190070A1; EP2375505A1; DE102010014531A1; US8636538B2

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

DOCDB simple family (publication)
EP 0665608 A2 19950802; **EP 0665608 A3 19961204**; **EP 0665608 B1 19991027**; DE 4402837 A1 19950803; DE 4402837 C2 19980806; DE 59408860 D1 19991202; JP 2963359 B2 19991018; JP H07263107 A 19951013; US 6027367 A 20000222

DOCDB simple family (application)
EP 94120622 A 19941223; DE 4402837 A 19940131; DE 59408860 T 19941223; JP 3183195 A 19950130; US 98215297 A 19971201