

Title (en)  
SELECT SOLDER SLOT TERMINATION METHOD AND PRODUCT

Publication  
**EP 0201512 B1 19890816 (EN)**

Application  
**EP 85904574 A 19850913**

Priority  
US 66174484 A 19841017

Abstract (en)  
[origin: WO8602497A1] A method and terminal for mass terminating conductors with high reliability combines insulation piercing and solder technology. Terminals (10, 34, 52, 81, 104) are formed with insulation piercing, conductor engaging portions (12, 38, 40, 66, 68, 88, 90, 104) which have a layer of solder (32, 50, 84) integral therewith. Respective conductors (22, 36, 74, 106) are terminated by the terminals in an insulation piercing operation and the solder reflowed to form a permanent bond therebetween. The terminal slot (18, 46, 48, 70, 72, 80) is designed to clean the conductor surface as well as to fixture it for the solder reflow operation.

IPC 1-7  
**H01R 4/02**; **H01R 4/24**; **H01R 43/02**

IPC 8 full level  
**H01R 4/02** (2006.01); **H01R 4/24** (2006.01); **H01R 43/01** (2006.01); **H01R 43/02** (2006.01); **H01R 13/03** (2006.01)

CPC (source: EP KR)  
**H01R 4/02** (2013.01 - KR); **H01R 4/024** (2013.01 - EP); **H01R 4/2425** (2013.01 - EP); **H01R 4/2462** (2013.01 - EP); **H01R 43/0207** (2013.01 - EP); **H01R 4/2445** (2013.01 - EP); **H01R 13/03** (2013.01 - EP)

Cited by  
EP3944419A1

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

DOCDB simple family (publication)  
**WO 8602497 A1 19860424**; BR 8506983 A 19870106; DE 3572425 D1 19890921; EP 0201512 A1 19861120; EP 0201512 B1 19890816; ES 289644 U 19860301; ES 289644 Y 19861001; ES 547905 A0 19870216; ES 8703673 A1 19870216; IE 56877 B1 19920115; IE 852321 L 19860417; JP S62500621 A 19870312; KR 880700479 A 19880315

DOCDB simple family (application)  
**US 8501743 W 19850913**; BR 8506983 A 19850913; DE 3572425 T 19850913; EP 85904574 A 19850913; ES 289644 U 19851016; ES 547905 A 19851016; IE 232185 A 19850920; JP 50399185 A 19850913; KR 860700354 A 19860613