

Title (en)

End cap for insulation piercing connectors

Title (de)

Endkappe für Isolierungsdurchdringenden Verbinder

Title (fr)

Capuchon d'extrémité pour connecteur à percement d'isolation

Publication

**EP 0969552 A1 20000105 (EN)**

Application

**EP 99112511 A 19990701**

Priority

- EP 99112511 A 19990701
- EP 98401663 A 19980702

Abstract (en)

An insulation piercing connector assembly (1) is provided with a sealing cap (8) mountable over the end of a cable (6) and subsequently insertable between clamping jaws (11, 13) of the connector. The assembled sealing cap (8) and end cable (6) are clamped prior to termination by retaining plates (38) for easier handling and more reliable termination. Insulation piercing contacts of the connector pierce through the body (32) of the sealing cap and insulation layer of the cable during termination. The sealing cap arrangement enables the cable to be inserted between the clamping jaws from a side (7) thereof which is particularly useful in confined spaces. <IMAGE>

IPC 1-7

**H01R 4/24**

IPC 8 full level

**H01R 4/24** (2006.01); **H01R 4/22** (2006.01); **H01R 4/44** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP US)

**H01R 4/2408** (2013.01 - EP US); **H01R 4/22** (2013.01 - EP); **H01R 4/44** (2013.01 - EP); **H01R 13/5216** (2013.01 - EP)

Citation (search report)

- [A] US 1943020 A 19340109 - JOHNSON KARL V
- [A] EP 0356329 A1 19900228 - SICAME SA [FR]
- [A] FR 2601516 A2 19880115 - SICAME SA [FR]
- [A] EP 0282116 A1 19880914 - LOVINK TERBORG BV [NL]
- [A] US 4985003 A 19910115 - FRANCOIS PIERRE [FR], et al
- [A] EP 0653811 A1 19950517 - THOMAS & BETTS CORP [US]
- [AD] US 5015198 A 19910514 - DELIN MICHEL [FR]

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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