

Title (en)
SYSTEMS AND METHODS FOR A CABLE CONNECTOR

Title (de)
SYSTEME UND VERFAHREN FÜR EINEN KABELVERBINDER

Title (fr)
SYSTÈMES ET PROCÉDÉS POUR UN CONNECTEUR DE CÂBLE

Publication
EP 4270662 A1 20231101 (EN)

Application
EP 22188073 A 20220801

Priority
US 202217728843 A 20220425

Abstract (en)
A connector for receiving a ribbon cable, to be assembled via a clamping tool, is provided. The connector includes a housing, a cover, and a protection cap. The housing includes an open top and a bottom. The cover is configured to selectively cover the open top of the housing to enclose the ribbon cable within an interior of the housing. The protection cap is configured to cover the bottom of the housing. The protection cap includes a nonplanar surface with a bump, where the clamping tool contacts the cover and the bump to force the cover toward the housing when the connector is assembled.

IPC 8 full level
H01R 4/2433 (2018.01); **H01R 12/67** (2011.01); **H01R 13/52** (2006.01)

CPC (source: EP)
H01R 4/2433 (2013.01); **H01R 12/675** (2013.01); **H01R 13/5213** (2013.01)

Citation (applicant)

- US 202117171892 A 20210209
- US 202017114203 A 20201207

Citation (search report)

- [XAYI] US 5498172 A 19960312 - NODA SADA O [JP]
- [XYI] US 2005070147 A1 20050331 - HUNG PAO-TIEN [TW]
- [XYI] US 11251550 B1 20220215 - DAVIDSZ MARK E [US], et al
- [Y] DE 3314071 A1 19841025 - SIEMENS AG [DE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

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