

Title (en)

PROTECTIVE, LOCATABLE SLEEVE AND METHOD OF CONSTRUCTION THEREOF

Title (de)

SCHÜTZENDE, LOKALISIERBARE HÜLSE UND VERFAHREN ZUR KONSTRUKTION DAVON

Title (fr)

MANCHON REPÉRABLE DE PROTECTION ET SON PROCÉDÉ DE CONSTRUCTION

Publication

EP 4259489 A1 20231018 (EN)

Application

EP 21835546 A 20211208

Priority

- US 202063122797 P 20201208
- US 202117544577 A 20211207
- US 2021062330 W 20211208

Abstract (en)

[origin: WO2022125615A1] A protective sleeve assembly for protecting an electrical member and a wire harness extending therethrough and method of construction thereof are provided. The sleeve assembly includes a multi-layer tube extending longitudinally along an axis between opposite ends. An end cap is disposed over one of the opposite ends. The end cap has an opening through which the wire harness extends to allow assembly and disassembly of the protective sleeve assembly along the wire harness and about the electrical member. The multilayer tube includes an inner tube and an outer tube. The inner tube has a semi-rigid tubular wall including radially extending energy dissipating features to minimize the transmission of impact forces to the electrical member. The outer tube is a textile tube disposed about the inner tube.

IPC 8 full level

B60R 16/02 (2006.01)

CPC (source: EP)

B60R 16/0215 (2013.01)

Citation (search report)

See references of WO 2022125615A1

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

DOCDB simple family (publication)

WO 2022125615 A1 20220616; EP 4259489 A1 20231018; JP 2023553374 A 20231221

DOCDB simple family (application)

US 2021062330 W 20211208; EP 21835546 A 20211208; JP 2023532796 A 20211208