

Title (en)
CABLE SHIELDING

Title (de)
KABELSCHIRMUNG

Title (fr)
BLINDAGE DE CÂBLE

Publication
EP 4128286 A1 20230208 (DE)

Application
EP 21714121 A 20210319

Priority
• DE 102020108058 A 20200324
• EP 2021057081 W 20210319

Abstract (en)
[origin: CA3172000A1] The invention relates to a cable shielding and an electrical conductor having such a cable shielding. The cable shielding has a first wire winding and a second wire winding. The first wire winding has a plurality of turns. The first wire winding is wound in a first direction with a first pitch about a longitudinal axis. The second wire winding has a plurality of turns. The second wire winding is wound in a second direction, which is different from the first direction, with a second pitch about the longitudinal axis. Turns of the plurality of turns of the first wire winding and corresponding turns of the plurality of turns of the second wire winding cross one another in each case at a first crossing point in such a way that a plurality of first crossing points of the first wire winding and the second wire winding are present in the direction of the longitudinal axis. The plurality of first crossing points run at least approximately helically in the direction of the longitudinal axis.

IPC 8 full level
H01B 7/22 (2006.01)

CPC (source: EP US)
H01B 7/228 (2013.01 - EP US)

Citation (search report)
See references of WO 2021191075A1

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)
DE 102020108058 A1 20210930; CA 3172000 A1 20210930; CN 115485792 A 20221216; EP 4128286 A1 20230208; US 2023104371 A1 20230406; WO 2021191075 A1 20210930

DOCDB simple family (application)
DE 102020108058 A 20200324; CA 3172000 A 20210319; CN 202180022492 A 20210319; EP 2021057081 W 20210319; EP 21714121 A 20210319; US 202117910061 A 20210319