

Title (en)
CONDUCTOR ASSEMBLY

Title (de)
LEITERANORDNUNG

Title (fr)
ENSEMBLE CONDUCTEUR

Publication
EP 4173093 A1 20230503 (DE)

Application
EP 21783405 A 20210913

Priority
• DE 102020212640 A 20201007
• EP 2021075094 W 20210913

Abstract (en)
[origin: WO2022073722A1] The invention relates to a conductor assembly (1) comprising an electric conductor (2); an overvoltage arrester (3) which has a longitudinal direction (12), an operating state in which the overvoltage arrester (3) is designed to limit an overvoltage occurring in the electric conductor (2), and a test state in which the overvoltage arrester (3) is not designed to limit the overvoltage; and an electric insulating supporter (6) which is arranged between the overvoltage arrester (3) and the electric conductor (2) in the longitudinal direction (12), wherein the supporter (6) is supported by the electric conductor (2), and the overvoltage arrester (3) is supported by the supporter (6).

IPC 8 full level
H01T 4/02 (2006.01); **H01C 7/12** (2006.01); **H01H 3/40** (2006.01); **H01T 4/04** (2006.01); **H01T 4/16** (2006.01)

CPC (source: EP US)
H01C 7/12 (2013.01 - EP US); **H01T 4/02** (2013.01 - EP US); **H01T 4/04** (2013.01 - EP US); **H01T 4/10** (2013.01 - US); **H01T 4/16** (2013.01 - EP); **H01C 7/126** (2013.01 - EP); **H01H 2003/405** (2013.01 - EP)

Citation (search report)
See references of WO 2022073722A1

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 102020212640 A1 20220407; CN 116325395 A 20230623; EP 4173093 A1 20230503; US 2023377781 A1 20231123;
WO 2022073722 A1 20220414

DOCDB simple family (application)
DE 102020212640 A 20201007; CN 202180068525 A 20210913; EP 2021075094 W 20210913; EP 21783405 A 20210913;
US 202118248265 A 20210913