

Title (en)
RUNNER FOR A SECTION INSULATOR

Title (de)
KUFE FÜR EINEN STRECKENTRENNER

Title (fr)
PATIN POUR ISOLATEUR DE SECTIONNEMENT

Publication
EP 4370371 A1 20240522 (DE)

Application
EP 22751675 A 20220714

Priority
• CH 0700662021 A 20210716
• EP 2022069706 W 20220714

Abstract (en)
[origin: WO2023285582A1] The invention relates to a low-wear runner for a section insulator to reduce maintenance expenditure. The aim is for the runner to be compatible, as a replacement part, with existing section insulators. In order to increase wear resistance, the runner according to the invention is made of a precipitation-hardenable non-ferrous metal alloy. While the copper materials known as contact-line and runner materials have a maximum operating temperature defined in EN 50119:2020 as a consequence of recrystallization, complete dissolution of the precipitates by recrystallization could not be detected in the runner according to the invention up to a short-term temperature of 700°C.

IPC 8 full level
B60M 1/18 (2006.01)

CPC (source: CH EP)
B60M 1/18 (2013.01 - CH EP)

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 2023285582 A1 20230119; CH 718835 A1 20230131; CN 117916122 A 20240419; EP 4370371 A1 20240522

DOCDB simple family (application)
EP 2022069706 W 20220714; CH 0700662021 A 20210716; CN 202280049266 A 20220714; EP 22751675 A 20220714