

Title (en)

POTENTIAL EQUALISATION OF A MOVING CABLE OF A CABLE-DRAWN CONVEYING DEVICE

Title (de)

POTENTIALAUSGLEICH EINES BEWEGTEN SEILES EINER SEILGEZOGENEN FÖRDEREINRICHTUNG

Title (fr)

ÉGALISATION DE POTENTIEL D'UN CÂBLE MOBILE D'UN DISPOSITIF DE TRANSPORT PAR CÂBLE

Publication

**EP 4238394 B1 20240221 (DE)**

Application

**EP 21801077 A 20211025**

Priority

- AT 509272020 A 20201027
- EP 2021079563 W 20211025

Abstract (en)

[origin: WO2022090166A1] The invention relates to an arrangement for potential equalisation of a moving cable (10) of a cable-drawn conveying device with a defined electrical reference potential of the cable-drawn conveying device. A potential equalisation unit (1) is provided, with at least one brush body (2) and, arranged therein, at least one electrically conductive contact bristle (3) made of electrically conductive plastic, the potential equalisation unit (1) being arranged relative to the moving cable (10) to allow a potential equalisation between the at least one electrically conductive contact bristle (3) and the moving cable (10), and the at least one electrically conductive contact bristle (3) being electrically conductively connected to at least one potential point (14) having the electrical reference potential.

IPC 8 full level

**H05F 3/02** (2006.01); **B61B 12/00** (2006.01)

CPC (source: AT EP)

**B61B 12/00** (2013.01 - EP); **H05F 3/02** (2013.01 - AT 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)

MA TN

DOCDB simple family (publication)

**WO 2022090166 A1 20220505**; AT 524407 A1 20220515; EP 4238394 A1 20230906; EP 4238394 B1 20240221; JP 2023553242 A 20231221

DOCDB simple family (application)

**EP 2021079563 W 20211025**; AT 509272020 A 20201027; EP 21801077 A 20211025; JP 2023519580 A 20211025