

Title (en)

DEVICE FOR POSITIONING WINDING ELEMENTS

Title (de)

VORRICHTUNG ZUM POSITIONIEREN VON WICKLUNGSELEMENTEN

Title (fr)

DISPOSITIF POUR POSITIONNER DES ÉLÉMENTS D'ENROULEMENT

Publication

EP 4248554 A1 20230927 (DE)

Application

EP 21816393 A 20211119

Priority

- EP 20208782 A 20201120
- EP 2021082276 W 20211119

Abstract (en)

[origin: WO2022106607A1] The invention relates to a method and a device for positioning the ends of winding elements (9), in particular the ends of winding elements of an electrodynamic machine comprising a plurality of adjusting tools (11) and a first drive in order to position the adjusting tools (11) in the direction of a first axis, and wherein the adjusting tools have recesses on their side surface, wherein each two adjacent adjusting tools (11) form a securing tool and the adjusting tools of the relevant securing tool have their recesses on side surfaces that are oriented towards one another such that at least one of the winding elements can be secured by fitting and/or clamping between the adjusting tools (11) of the securing tool, and a second drive is provided by means of which the two adjusting tools can be moved in the direction of a second axis such that the mutual spacing between the two adjusting tools (11) of the relevant securing tool can be changed in the direction of the second axis and each of the two adjusting tools can be fed laterally to the winding element (9).

IPC 8 full level

H02K 15/00 (2006.01)

CPC (source: EP)

H02K 15/0081 (2013.01)

Citation (search report)

See references of WO 2022106607A1

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 2022106607 A1 20220527; EP 4248554 A1 20230927

DOCDB simple family (application)

EP 2021082276 W 20211119; EP 21816393 A 20211119