Title (en)

PROCESS FOR PRODUCING A POLE TUBE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES POLROHRES

Title (fr)

PROCÉDÉ DE FABRICATION D'UN TUBE POLAIRE

Publication

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Application

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Abstract (en)

[origin: WO2010012410A1] The invention relates to a process for producing a pole tube having a bushing-shaped pole tube body which is axially subdivided into a pole portion and a tube portion with a tube portion end and a stroke limiter provided with a groove, as a result of which a space for receiving an armature of the lifting magnet is formed. The process comprises: the provision of the tube portion, the provision of the stroke limiter and/or of the pole portion each with a radially encircling groove on the outer side, the arrangement of the tube portion end over the respective groove and the dimensionally accurate integral forming of the tube portion end in the groove by continuous reduction over the entire circumference of said end. This process makes it possible to produce a mechanical join with a high compressive strength at low cost, while retaining the surface properties and the properties of the material, in particular the corrosion protection, and without reprocessing. In particular, the integral forming is not carried out selectively, as in the case of crimping, but rather by uniform reduction over the entire circumference.

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