

Title (en)

Method for manufacturing large metallic tubular piece, and large metallic tubular piece

Title (de)

Verfahren zum Herstellen von grossen metallischen Rohrabschnitten und solcher metallischer Rohrabschnitt

Title (fr)

Procédé de fabrication d'une grande pièce tubulaire métallique et telle pièce tubulaire métallique

Publication

EP 2363219 A3 20120314 (EN)

Application

EP 11156921 A 20110304

Priority

FI 20105218 A 20100305

Abstract (en)

[origin: EP2363219A2] The present invention relates to metal technology and to manufacture of large metal pieces, and in particular to manufacture of large metallic sleeve pieces, the large metallic sleeve pieces being suitable for various flow applications, such as those in marine technology and process technology, and to manufacturing methods of these large metallic sleeve pieces. The large, metallic sleeve piece of the invention comprises a sleeve structure (13), (15) made of metal plate, the inner surface of the sleeve structure being formed by means of forming rolls (7 to 12) such that the metallic sleeve piece has assumed its inwardly convex shape.

IPC 8 full level

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B63H 5/16 (2013.01 - EP)

Citation (search report)

- [XI] US 5531370 A 19960702 - ROHRBERG RODERICK G [US]
- [XYI] US 3342051 A 19670919 - EDWARD LESZAK
- [XAYI] FR 2739831 A1 19970418 - TECIMAR [FR]

Cited by

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