

Title (en)

METHOD AND DEVICE FOR PRODUCING NON-ROUND WOUND TUBES FROM PLASTIC PROFILES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN UNRUNDER WICKELROHRE AUS KUNSTSTOFFPROFILIEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION DE TUBES ENROULÉS OVALISÉS À PARTIR DE PROFILÉS EN PLASTIQUE

Publication

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Application

EP 13706444 A 20130129

Priority

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Abstract (en)

[origin: WO2014044411A1] The invention relates to a method and a device for repairing portions of channels (3), including non-round channels, by means of a wound tube (4) wound from a profile strip by a winding machine (20), the abutting edges of which strip are formed into tight joints, locked inside the wound tube (4) which can be introduced into the portion of the channel to be repaired. In order to avoid the disadvantages of the prior art, the plastic profile strip (4.1) is drawn from a storage spool (5) and fed to a winding machine (20) arranged in front of one of the openings of the channel to be repaired (3), said winding machine having a guide rail (25) adapted to the cross-portion of the channel, and adjacent edge regions fed onto this rotating winding former (30) locked in an overlapping manner to form a wound pipe (4) and said pipe is pushed or pulled into the channel portion (3).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2014044411A1

Citation (examination)

- US 2011277868 A1 20111117 - EMMONS PETER H [US], et al
- WO 02090227 A1 20021114 - RIB LOC AUSTRALIA [AU], et al
- US 2007267785 A1 20071122 - BELLAMY NORMAN W [GB], et al

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