

Title (en)

METHOD AND INSTALLATION OF HARDENING OF A CLOTHING WIRE FOR THE PROCESSING OF TEXTILE FIBERS

Title (de)

VERFAHREN ZUM HÄRTEN EINES GARNITURDRAHTES FÜR DIE BEARBEITUNG VON TEXTILFASERN UND ANLAGE HIERZU

Title (fr)

MÉTHODE ET DISPOSITIF DE DURCISSEMENT D'UN FIL DE CARDE POUR LE TRAITEMENT DES FIBRES DE TEXTILE

Publication

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Application

**EP 15726860 A 20150508**

Priority

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Abstract (en)

[origin: WO2015197150A1] The present invention relates to a method for tempering a clothing wire (1) for processing textile fibres and a plant (100) therefor, wherein the clothing wire (1) has a row of teeth arranged in the longitudinal direction thereof, and wherein the clothing wire (1) is passed through a heating region (11) in a wire running direction in order to come into contact with at least one open flame (10), wherein a quenching bath (12) having a quenching fluid (13) and a subsequent tempering device (14) follow the heating region (11). According to the invention, the clothing wire (1) moving in the wire running direction is washed around by a protective medium (16) in a transfer region (15) between the region of contact with the open flame (10) and entry into the quenching fluid (13).

IPC 8 full level

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CPC (source: CN EP US)

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