

Title (en)

METHOD AND SYSTEM FOR MANUFACTURING LONGITUDINAL FRAME MEMBERS FOR UTILITY VEHICLES

Title (de)

VERFAHREN UND ANLAGE ZUR HERSTELLUNG VON RAHMENLÄNGSTRÄGERN FÜR NUTZFAHRZEUGE

Title (fr)

PROCÉDÉ ET INSTALLATION POUR LA FABRICATION DE LONGERONS DE CADRE POUR VÉHICULES UTILITAIRES

Publication

**EP 3962675 A1 20220309 (DE)**

Application

**EP 20725130 A 20200506**

Priority

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Abstract (en)

[origin: WO2020239377A1] In the method according to the invention for manufacturing longitudinal frame members for utility vehicles, at least one forming process and at least one punching process are used, wherein, in the punching process, a hole pattern consisting of a large number of holes is punched and at least two series of longitudinal frame members are manufactured which differ from one another at least in terms of their hole pattern. A hole-group punching apparatus having a large number of punches is used for punching at least a majority of the holes of the longitudinal frame member hole pattern to be punched, wherein the punches are individually activated or deactivated for each punching procedure depending on the hole pattern to be produced such that, during each punching procedure, a number of holes corresponding to the number of activated punches are punched simultaneously and the majority or all of the holes of the longitudinal frame member hole pattern to be punched are produced by a large number of punching procedures of the hole-group punching apparatus.

IPC 8 full level

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