

Title (en)

A METHOD OF MANUFACTURING AN ANTISLIP LADDER RUNG AND A LADDER RUNG

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER RUTSCHSICHEREN LEITERSPROSSE UND LEITERSPROSSE

Title (fr)

PROCÉDÉ DE FABRICATION D'UN BARREAU D'ÉCHELLE ANTIDÉRAPANT ET BARREAU D'ÉCHELLE

Publication

**EP 3520921 B1 20200930 (EN)**

Application

**EP 19153859 A 20190128**

Priority

FI 20185092 A 20180201

Abstract (en)

[origin: EP3520921A1] A method of manufacturing an antislip ladder rung (1), and an antislip ladder rung (1). The method comprises arranging a tubular rung (1) made of sheet metal, and arranging an antislip roughening (2) to the rung. The method comprises punching the tubular rung in the diametral plane of the rung with a pressing punch (3, 3) having a plurality of spaced puncturing rods (4) with pointed tips. The puncturing rods (4) are arranged in a row. During the punching stroke, at a first side of the rung, the pointed tips puncture through the wall of the rung forming inlet openings (5) and at the opposite second side of the rung the pointed tips create protrusions (6, 6) that form the antislip roughening (2). The antislip roughening (2) comprises a plurality of outwardly protruding, from the inside of the rung outwardly pressed, deformations as protrusions (6, 6) deformed from the material of the wall of the rung.

IPC 8 full level

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CPC (source: EP FI)

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