

Title (en)

METHOD FOR PRODUCING SCREWS AND CONCRETE SCREW

Title (de)

HERSTELLUNGSVERFAHREN FÜR SCHRAUBEN UND BETONSCHRAUBE

Title (fr)

PROCÉDÉ DE FABRICATION DE VIS ET VIS À BÉTON

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Application

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Abstract (en)

[origin: WO2014131617A1] The invention relates to a method for producing a concrete screw comprising a shaft and a screw thread arranged on the lateral surface of the shaft. Said lateral surface of the shaft comprises, on the end of the shaft, at least one cut-out recess. According to the invention, a piece of rod (11) is provided as a workpiece, at least one threaded coil is formed on the lateral surface of the workpiece in a thread rolling process in which two profiled rolling tools (61, 62) act on the workpiece (11), and at least one recess (16, 16', 16'') is formed in the lateral surface of the workpiece on an end area of the workpiece. According to the invention, the recess (16, 16', 16''), when seen in the cross-section of the workpiece, is diametrically opposite an area (96, 96', 96'') of the workpiece free of recesses such that initially the recess is formed in the lateral surface of the workpiece and subsequently, the threaded coils are formed on the lateral surface of the workpiece, and that at least one of the rolling tools (61, 62) also acts upon the end area of the workpiece with the recess during the thread rolling process. The invention also relates to a concrete screw having different eccentricity.

IPC 8 full level

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