

Title (en)

SCREW, SYSTEM COMPRISING A SCREW AND A PLATE, AND METHOD FOR PRODUCING A SCREW

Title (de)

SCHRAUBE, SYSTEM MIT EINER SCHRAUBE UND EINER PLATTE, SOWIE VERFAHREN ZUM HERSTELLEN EINER SCHRAUBE

Title (fr)

VIS, SYSTÈME DOTÉ D'UNE VIS ET D'UNE PLAQUE, AINSI QUE PROCÉDÉ DE FABRICATION D'UNE VIS

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Application

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Abstract (en)

[origin: WO2021180799A1] The invention relates to a screw (1), preferably a bone screw, comprising a shank (2) with a tip (3), a head (4), and a thread (5). The shank also comprises a longitudinal axis (A). A group of radial cross-sectional areas (Q) of the head (4) run through the longitudinal axis (A) of the screw (1), the position of each radial cross-sectional area (Q) being defined by an azimuth angle (6) in a plane (E) perpendicular to the longitudinal axis (A). Each radial cross-sectional area (Q) has an area content that is defined by the longitudinal axis (A) and the outer face of the screw (8). The thread (5) extends into the head (4) in such a way that the area contents of the radial cross-sectional areas (Q') in a first azimuth angle range (9) are constant and the area contents of the radial cross-sectional areas (Q'') in a second azimuth angle range (10), different from the first, have a deviating, preferably smaller value than the area contents in the first azimuth angle range (9). The first azimuth angle range (9) is at most 350°, preferably at most 345°.

IPC 8 full level

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