Title (en)

SCREW FOR ENGAGEMENT WITH WOOD OR SIMILAR COMPOSITE MATERIAL

Title (de)

SCHRAUBE ZUM EINGRIFF MIT HOLZ ODER ÄHNLICHEM VERBUNDMATERIAL

Title (fr)

VIS CONÇUE POUR VENIR EN PRISE AVEC DU BOIS OU UN MATÉRIAU COMPOSITE SIMILAIRE

Publication

EP 3529505 A1 20190828 (EN)

Application

EP 17862952 A 20171016

Priority

- SE 1651376 A 20161019
- SE 2017051019 W 20171016

Abstract (en)

[origin: WO2018074972A1] A screw (10), extending in an axial direction (A), for engagement with wood or similar composite material, by rotating said screw in a rotational direction (W) around a rotational axis (AC), comprising: a shank (14) having a threaded region (15); a countersunk head portion (12) having a top side (19) with a driving-tool receiving recess (43), and an essentially frusto-conical lower portion (18), comprising a cutting recess section (20) having a trailing region (22), as seen in the rotational direction (W), comprising a cutting edge (23) with a first axial end point (41) and a second axial end point (42), defining an imaginary straight line (AI), which defines a positive cutting edge angle (a) relative to a plane (AP) extending in a radial direction (R), from said rotational axis (AC) to said first axial end point (41), and in said axial direction (A); wherein the extension of the maximum depth of a cutting recess section (20) in the radial direction (R) is essentially aligned with the innermost point (46) of the driving-tool receiving recess (43).

IPC 8 full level

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