

Title (en)  
PUSH-CONNECTION FOR THE DETACHABLE CONNECTION OF TWO BODIES, IN PARTICULAR A PEDICLE SCREW AND A SCREWDRIVER

Title (de)  
STECKVERBINDUNG ZUR LÖSBAREN VERBINDUNG ZWEIER KÖRPER, INSBESONDERE PEDIKELSCHRAUBE UND SCHRAUBENZIEHER

Title (fr)  
CONNEXION ENFICHABLE POUR JONCTION AMOVIBLE DE DEUX ELEMENTS, EN PARTICULIER UNE VIS A CHAPITEAU ET UN TOURNEVIS

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Application  
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Abstract (en)  
[origin: WO0185043A1] The invention relates to a push-connection for the detachable connection of two bodies (1) and (2), whereby A) the first body (1) comprises M ( $M \geq 1$ ) first connection sections (5.i), arranged coaxially around a central axis (4); B) the second body (2) comprises N ( $N \geq 1$ ) second connection sections (7.j), arranged coaxially around the central axis (4), such that C) the first connection zone (3) and the second connection zone (6) form a push-connection coaxial to the central axis (4); whereby D) the first connection zone (3) comprises at least one first connection section (5.1) with a non-circular cross-section Q5.1 and the second connection zone (6) comprises at least one second connection section (7.1) with a cross-section Q7.1 which is a correspondence fit with the cross-section Q5.1 and a rotationally stable fit, relative to the central axis (4), may thus be achieved; E)  $M \times N \geq 2$ ; and F) at least one first connection section (5.k) and at least one second connection section (7.l) form an axial interference fit relative to the central axis (4).

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