

Title (en)

Assembly of a shaft and a boss connectable to it

Title (de)

Anschlusseinrichtung zwischen einer Welle und einer Nabe

Title (fr)

Ensemble de connection entre arbre et moyeu

Publication

EP 1052368 A1 20001115 (EN)

Application

EP 00201554 A 20000502

Priority

NL 1012048 A 19990512

Abstract (en)

Assembly of an engine-driven shaft (1) and a boss (5) connectable with it, of a part (4), in which, for establishing said connection, said shaft (1) and said boss (5) are provided with mutually adapted screw threads arranged on an outer and inner conical part, respectively, said screw thread having a trapezoidal cross-section. For connecting a cutter shaft (1) and the boss (5) of a cutter (4), the screw threads (2, 7) of both parts and the parts themselves are designed such, that screwing said parts together can take place until one flank (9) and top (13) of one screw thread (2) tightly abut a flank (12) and a valley (14) of the screw thread (7) of said other part (4), while both trapezoidal screw threads (2, 7) have been designed such, that there is tolerance between the other flanks (10, 11). <IMAGE>

IPC 1-7

E21B 17/042; F16L 15/06

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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