

Title (en)

FIXTURE FOR A ROUND SHANK CHISEL HAVING A WEARING PROTECTION DISK

Title (de)

BEFESTIGUNG FÜR EINEN RUNDSCHAFTMEISSEL MIT VERSCHLEISSSCHUTZSCHEIBE

Title (fr)

DISPOSITIF DE FIXATION D'UN OUTIL DE COUPE A TIGE RONDE DOTE D'UN DISQUE ANTI-USURE

Publication

EP 1137863 A4 20020306 (DE)

Application

EP 99973316 A 19991109

Priority

- DE 19856916 A 19981210
- EP 9908596 W 19991109

Abstract (en)

[origin: WO0034625A1] The invention relates to a fixture for a round shank chisel (10) to a road milling machine or the like. Said round shank chisel (10) has a chisel head (12) and a chisel shank (14). With a bearing surface said chisel head (12) rests upon a wearing protection disk (19) which in turn rests on a chisel holder (20) and is supported by it. Said chisel shank (14) is accommodated by a location bore (21) of the chisel holder (20). The aim of the invention is to prevent dirt from penetrating the area of the location bore (21) of such a fixture and at the same time to ensure that the free movability of the round shank chisel (10) is not impaired. To this end, the chisel holder (20) has a circumferential projection (23) or a circumferential depression which extends along the location bore (21). Also, the wearing protection disk (19) is provided with a circumferential receiving groove (19.6) or a circumferential shoulder and the projection (23) or the depression of the chisel holder (20) engages with the receiving groove (19.6) or the depression of the wearing protection disk (19) when the round shank chisel (10) is assembled.

IPC 1-7

E21C 35/183; B28D 1/18

IPC 8 full level

B28D 1/18 (2006.01); **E21C 35/18** (2006.01); **E21C 35/197** (2006.01)

CPC (source: EP US)

B28D 1/188 (2013.01 - EP US); **E21C 35/18** (2013.01 - EP US); **E21C 35/188** (2020.05 - EP); **E21C 35/197** (2013.01 - EP US); **E21C 35/188** (2020.05 - US)

Citation (search report)

See references of WO 0034625A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0034625 A1 20000615; DE 19856916 C1 20000831; EP 1137863 A1 20011004; EP 1137863 A4 20020306; US 6644755 B1 20031111

DOCDB simple family (application)

EP 9908596 W 19991109; DE 19856916 A 19981210; EP 99973316 A 19991109; US 85776001 A 20010608