

Title (en)

MILLING CUTTER WITH INSERT ADAPTER

Title (de)

FRÄSE MIT ADAPTER FÜR SCHNEIDEINSÄTZE

Title (fr)

FRAISE COMPRENANT UN ADAPTATEUR DE PLAQUETTES

Publication

EP 0715554 A1 19960612 (EN)

Application

EP 94921489 A 19940711

Priority

- US 9407633 W 19940711
- US 11201593 A 19930825

Abstract (en)

[origin: WO9505913A1] A milling cutter (10) is capable of receiving replaceable cutting inserts (70) of different shapes and sizes. The milling cutter (10) comprises a generally cylindrical cutter body (12). A plurality of insert seats (24) are formed about the outer periphery of the cutter body (12). Each insert seat (24) is adapted to receive either a cutting insert (70) of a first predetermined size and shape or an adapter (40). The adapter (40) includes a second insert seat (46) for receiving a cutting insert (70a, b) of a second predetermined shape and size. Clamping means (60) are mounted on the cutter body (12) and are operable to clamp the cutting insert (70) of said first predetermined size and shape in the insert seat (24) of the cutter body (12), or to clamp a cutting insert (70a, b) of a second predetermined size and shape in the insert seat of the adapter (40).

IPC 1-7

B23C 5/22

IPC 8 full level

B23C 5/20 (2006.01); **B23C 5/22** (2006.01)

CPC (source: EP KR US)

B23C 5/202 (2013.01 - EP KR); **B23C 5/2278** (2013.01 - EP KR US); **B23C 2200/0422** (2013.01 - EP KR); **B23C 2200/201** (2013.01 - EP KR)

Citation (search report)

See references of WO 9505913A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9505913 A1 19950302; AU 7220094 A 19950321; BR 9407516 A 19970107; CA 2168661 A1 19950302; CN 1129415 A 19960821; DE 715554 T1 19961128; EP 0715554 A1 19960612; ES 2088841 T1 19961001; JP H08508942 A 19960924; KR 960703697 A 19960831

DOCDB simple family (application)

US 9407633 W 19940711; AU 7220094 A 19940711; BR 9407516 A 19940711; CA 2168661 A 19940711; CN 94193101 A 19940711; DE 94921489 T 19940711; EP 94921489 A 19940711; ES 94921489 T 19940711; JP 50756094 A 19940711; KR 19960700715 A 19960212