

Title (en)

MILLING TOOL FOR MACHINING WOOD, WOODEN MATERIALS, PLASTICS OR LIGHT METALS

Title (de)

FRÄSWERKZEUG ZUM BEARBEITEN VON HOLZ, HOLZWERKSTOFFEN, KUNSTSTOFFEN ODER LEICHTMETALLEN

Title (fr)

OUTIL DE FRAISAGE DESTINÉ AU TRAITEMENT DU BOIS, DES MATÉRIAUX EN BOIS, DES MATIÈRES PLASTIQUES OU DES MÉTAUX LÉGERS

Publication

EP 3470190 B1 20200902 (DE)

Application

EP 18198655 A 20181004

Priority

DE 102017123681 A 20171011

Abstract (en)

[origin: CN109648652A] The present invention provides a milling tool for machining wood, wooden materials, plastics or light metals. The milling tool has a processing side (A) and a screw side (B), and has a first machining tool (1) and at least one second machining tools (2, 3) fixedly arranged in the housing (11) rotated around a rotation axis (D). The second machining tools are coaxially and movably arranged between a rest position and a machining position relative to the first machining tool (1). According to the invention, the at least one second machining tools (2, 3) can be rotationally arranged in the housing (11) to be connected with a cam disk (7) around the rotation axis (D) to facilitate movement in the axial direction.

IPC 8 full level

B27D 5/00 (2006.01); **B27G 13/00** (2006.01)

CPC (source: CN EP)

B27C 5/00 (2013.01 - CN); **B27D 5/006** (2013.01 - EP); **B27G 13/007** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3470190 A1 20190417; **EP 3470190 B1 20200902**; CN 109648652 A 20190419; CN 109648652 B 20220308; DE 102017123681 A1 20190411; DE 102017123681 B4 20200109; DE 102017123681 C5 20220127

DOCDB simple family (application)

EP 18198655 A 20181004; CN 201811184672 A 20181011; DE 102017123681 A 20171011