

Title (en)
BLADE SHARPENING FIXTURE SYSTEM

Title (de)
KLINGENSCHÄRFHALTEVORRICHTUNG

Title (fr)
SYSTÈME DE FIXATION D'AIGUISAGE DE LAME

Publication
EP 3461265 B1 20210630 (EN)

Application
EP 16902552 A 20160517

Priority
SE 2016050440 W 20160517

Abstract (en)
[origin: WO2017200431A1] Provided is a blade sharpening fixture system (1) for fixating a blade (6) to be sharpened, the blade sharpening fixture system (1) comprising a jig (3) for fixation of the blade (6). The jig (3) comprises a table (31) onto which a blade is to be fixedly arranged, fixating equipment (7) for fixating the blade (6) to said table (31), a grinding arrangement (4) for grinding of the blade (6), and a height adjustment arrangement (5) which is coupled to the grinding arrangement via an arm (47). The arm (47) being arranged in a receiving portion (51) of the height adjustment arrangement (5) which is arranged to freely support the arm (47) and, the receiving portion is arranged allow the grinding arrangement (4) to be movable in a grinding motion relative to the blade (6), wherein the grinding arrangement (4) comprises a grinding block (41) which is arranged to grind the blade edge (61), wherein the grinding block (41) is arranged to the arm via a first connector (421) or a second connector (422) wherein arrangement via the first connector provides an angle between the grinding block (41) and the arm (47) that when moving the grinding block (41) relative to the blade, the blade edge (61) assumes a convex edge.

IPC 8 full level
B24B 3/52 (2006.01); **B24B 3/54** (2006.01); **B24B 3/55** (2006.01); **B24B 41/06** (2012.01); **B24D 15/06** (2006.01); **B24D 15/08** (2006.01)

CPC (source: EP)
B24D 15/065 (2013.01); **B24D 15/08** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE 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)
WO 2017200431 A1 20171123; EP 3461265 A1 20190403; EP 3461265 A4 20200401; EP 3461265 B1 20210630

DOCDB simple family (application)
SE 2016050440 W 20160517; EP 16902552 A 20160517