

Title (en)

JIG ASSEMBLY FOR SHARPENING MOWER BLADES

Title (de)

EINSPANNANORDNUNG ZUM SCHÄRFEN VON MÄHERKLINGEN

Title (fr)

ENSEMBLE GABARIT POUR AFFÛTER DES LAMES DE FAUCHEUSE

Publication

EP 3592503 B1 20210519 (EN)

Application

EP 18764937 A 20180302

Priority

- US 201762468717 P 20170308
- US 2018020636 W 20180302

Abstract (en)

[origin: WO2018164950A1] A jig assembly is disclosed herein for holding a mower blade and a grinding tool during a sharpening operation on the mower blade. The jig assembly includes a mast, a fixture portion, and a jig portion. The fixture portion and jog portion can be mounted to the mast. The jig portion can include an arm and a tool-seat. The arm can include at least a first link and a second link moveable relative to one another. The first link can be pivotally connected to the mast with a first pin defining an arm pivot axis. The first link and the second link can be interconnected whereby the second link is prevented from rotating in any plane that contains the arm pivot axis. The tool-seat can be disposed on the second link.

IPC 8 full level

B24B 3/42 (2006.01); **B24B 3/36** (2006.01); **B24B 23/00** (2006.01)

CPC (source: EP US)

B24B 3/365 (2013.01 - EP US); **B24B 3/42** (2013.01 - EP); **B24B 23/005** (2013.01 - EP US); **B24B 41/06** (2013.01 - US)

Citation (examination)

- US 2624983 A 19530113 - RINK OSCAR C
- US 4299142 A 19811110 - KAYE PETER D

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 2018164950 A1 20180913; AU 2018230571 A1 20190919; AU 2018230571 B2 20230615; CA 3053246 A1 20180913; CA 3053246 C 20231205; EP 3592503 A1 20200115; EP 3592503 A4 20200325; EP 3592503 B1 20210519; EP 3851245 A1 20210721; EP 3851245 B1 20230503; US 2020254582 A1 20200813

DOCDB simple family (application)

US 2018020636 W 20180302; AU 2018230571 A 20180302; CA 3053246 A 20180302; EP 18764937 A 20180302; EP 21160765 A 20180302; US 201816347393 A 20180302