

Title (en)

Method and fixture for attaching a sanding disc to a hand sander

Title (de)

Verfahren und Vorrichtung zum Befestigen einer Schleifscheibe an einer Handschleifmaschine

Title (fr)

Procédé et accessoire permettant de fixer un disque abrasif à une ponceuse à main

Publication

EP 2974828 B1 20170412 (EN)

Application

EP 14177094 A 20140715

Priority

EP 14177094 A 20140715

Abstract (en)

[origin: EP2974828A1] A hand sander (102) and sanding disc fixture for attaching a sanding disc (104) to a hand sander (102) includes a table (106) have a top (108) with a sander storage station (120) and an application station (124) thereon. The storage station (122) has a holder (150) holding a hand sander (102) having a sander pad (130). The application station (124) has at least two datum pegs (190) extending from the top (108) of the table (106) that hold a stack (128) of sanding discs (104) with attaching sides of the sanding discs (104) facing away from the top (108) of the table (106). The datum pegs (190) pass through datum holes (174) in the sanding discs (104). The datum pegs (190) having datum surfaces configured to be received in datum notches (142) in an outer diameter of the sander pad (130). The datum pegs (190) align the sander pad (130) with the sanding discs (104) when the sander pad (130) is pressed against the attaching side of the outermost sanding disc.

IPC 8 full level

B24B 23/00 (2006.01); **B24B 23/03** (2006.01); **B24B 23/04** (2006.01); **B24D 9/08** (2006.01)

CPC (source: EP)

B24B 23/005 (2013.01); **B24B 23/03** (2013.01); **B24B 23/04** (2013.01); **B24D 9/085** (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)

EP 2974828 A1 20160120; **EP 2974828 B1 20170412**; ES 2630104 T3 20170818; WO 2016008850 A1 20160121

DOCDB simple family (application)

EP 14177094 A 20140715; EP 2015065978 W 20150713; ES 14177094 T 20140715