

Title (en)

PORTABLE SANDER HAVING NOVEL ABRASIVE SHEET TENSILE STRESS

Title (de)

SCHLEIFHANDWERKZEUGMASCHINE MIT NEUER SCHLEIFBLATTZUGSPANNUNG

Title (fr)

PONCEUSE À MAIN AVEC TENSION DE TRACTION DE FEUILLE ABRASIVE AMÉLIORÉE

Publication

EP 2049303 B1 20130417 (DE)

Application

EP 07787421 A 20070712

Priority

- EP 2007057150 W 20070712
- DE 102006035977 A 20060802

Abstract (en)

[origin: WO2008015087A1] Portable sander, in particular an orbital sander, having an abrasive sheet carrier (1) and having clamping means (3) for firmly clamping opposite abrasive sheet ends of an abrasive sheet (21) which can be supported on the abrasive sheet carrier (1), wherein first clamping means (3) together with an abrasive sheet end clamped thereon can be moved away from the other abrasive sheet end, clamped by means of second clamping means (3), for tensioning the abrasive sheet (21), and the first clamping means (3) have spring elasticity. Provision is made for the first clamping means (3) to come against a rigid stop element (9) with prestress in an end clamping position.

IPC 8 full level

B24B 23/04 (2006.01); **B24D 15/02** (2006.01)

CPC (source: EP US)

B24B 23/04 (2013.01 - EP US); **B24D 15/023** (2013.01 - EP US)

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

DE 102006035977 A1 20080207; CN 101495270 A 20090729; CN 101495270 B 20111214; EP 2049303 A1 20090422; EP 2049303 B1 20130417; RU 2009106954 A 20100910; RU 2440882 C2 20120127; US 2008214098 A1 20080904; US 8025558 B2 20110927; WO 2008015087 A1 20080207

DOCDB simple family (application)

DE 102006035977 A 20060802; CN 200780028804 A 20070712; EP 07787421 A 20070712; EP 2007057150 W 20070712; RU 2009106954 A 20070712; US 8948907 A 20070712