

Title (en)
METHOD FOR CALIBRATING A GRINDING MACHINE

Title (de)
VERFAHREN ZUM KALIBRIEREN EINER SCHLEIFMASCHINE

Title (fr)
PROCEDE D'ETALONNAGE D'UNE RECTIFIEUSE

Publication
EP 1590126 B1 20061018 (DE)

Application
EP 04706628 A 20040130

Priority
• EP 2004000887 W 20040130
• DE 10304430 A 20030204

Abstract (en)
[origin: WO2004069471A2] The invention relates to a method for calibrating a grinding machine for sharpening bar blades (10) by grinding at least two flanks (5, 6) and a top surface (K) of the bar blades (10), involving the following steps: producing a calibrating blade (11) by sharpening a bar blade (10) according to predetermined dimensions; measuring the dimensions of the calibrating blade (11), and; calibrating the machine with the aid of at least the measurement result. In order to produce a calibrating blade, the bar blade (10) is, in at least two steps, ground on the flanks (5, 6) and on the top surface (K) in a complete calibrating grinding. The inventive method is advantageous in that the calibrating blade (11) is ground under the same conditions as a production blade so that process-related influences, in particular, displacements associated with the grinding forces, can also be taken into consideration.

IPC 8 full level
B24B 3/02 (2006.01); **B24B 3/34** (2006.01); **B24B 49/02** (2006.01)

CPC (source: EP US)
B24B 3/02 (2013.01 - EP US); **B24B 3/34** (2013.01 - EP US); **B24B 49/02** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004069471 A2 20040819; WO 2004069471 A3 20041021; AT E342788 T1 20061115; CN 1747811 A 20060315; CN 1747811 B 20101201; DE 10304430 B3 20040923; DE 502004001799 D1 20061130; EP 1590126 A2 20051102; EP 1590126 B1 20061018; ES 2273213 T3 20070501; JP 2006517150 A 20060720; JP 4857105 B2 20120118; MX PA05008268 A 20060321; US 2006240744 A1 20061026; US 7172490 B2 20070206

DOCDB simple family (application)
EP 2004000887 W 20040130; AT 04706628 T 20040130; CN 200480003519 A 20040130; DE 10304430 A 20030204; DE 502004001799 T 20040130; EP 04706628 A 20040130; ES 04706628 T 20040130; JP 2006501685 A 20040130; MX PA05008268 A 20040130; US 54458304 A 20040130