

Title (en)
GRINDING METHOD AND GRINDING DEVICE

Title (de)
SCHLEIFVERFAHREN UND SCHLEIFVORRICHTUNG

Title (fr)
PROCEDE DE RECTIFICATION ET DISPOSITIF DE RECTIFICATION

Publication
EP 1591197 B1 20071114 (DE)

Application
EP 03811872 A 20030912

Priority

- JP 0311673 W 20030912
- JP 2002341988 A 20021126
- JP 2003038043 A 20030217

Abstract (en)
[origin: WO2004048033A1] A grinding method for grinding the peripheral surface of a rotating work (10) by a grinding wheel (22) rotated by a grinding wheel spindle (21), comprising the steps of mounting a rotating brush (40) rotated together with the rotating grinding wheel (22) on one side thereof, grinding the work (10) by the rotating grinding wheel (22), and moving the rotating grinding wheel (22) and the work (10) relative to each other in axial direction to brush the ground surface of the work (10) by the rotating brush (40) so as to polish the ground surface of the work (10), whereby the need of a work transfer and exclusive deburring and polishing devices can be eliminated to contribute to a reduction in processing cost.

IPC 8 full level
B24B 5/04 (2006.01); **B24B 9/00** (2006.01); **B24B 19/08** (2006.01); **B24B 19/12** (2006.01); **B24B 29/00** (2006.01); **B24D 13/10** (2006.01)

CPC (source: EP US)
B24B 5/04 (2013.01 - EP US); **B24B 9/00** (2013.01 - EP US); **B24B 19/08** (2013.01 - EP US); **B24B 29/005** (2013.01 - EP US);
B24D 13/10 (2013.01 - EP US)

Cited by
CN103358202A

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1591197 A1 20051102; **EP 1591197 A4 20060621**; **EP 1591197 B1 20071114**; AU 2003262092 A1 20040618; DE 50308620 D1 20071227; JP 2004223696 A 20040812; US 2006128280 A1 20060615; US 7435164 B2 20081014; WO 2004048033 A1 20040610

DOCDB simple family (application)
EP 03811872 A 20030912; AU 2003262092 A 20030912; DE 50308620 T 20030912; JP 0311673 W 20030912; JP 2003038043 A 20030217; US 53345005 A 20051121