

Title (en)

Grinding apparatus with a slot nozzle

Title (de)

Schleifvorrichtung mit einer Schlitzdüse

Title (fr)

Appareil de meulage avec buse à fente

Publication

EP 2578360 A3 20130731 (EN)

Application

EP 12185898 A 20120925

Priority

GB 201117243 A 20111006

Abstract (en)

[origin: EP2578360A2] Apparatus for high speed grinding comprises a grinding wheel having a circumferential grinding surface, a machine for mounting and rotating the grinding wheel about the axis, a coolant supply system including a slot nozzle arranged to direct coolant fluid secantly to the grinding surface, the slot nozzle having an exit with an elongate axis and a short axis wherein the elongate axis is tilted relative to the axis of the grinding wheel.

IPC 8 full level

B24B 55/02 (2006.01); **B24B 55/03** (2006.01)

CPC (source: EP US)

B24B 55/02 (2013.01 - EP US); **B24B 55/03** (2013.01 - EP US)

Citation (search report)

- [X] EP 0924028 A2 19990623 - ROLLS ROYCE PLC [GB]
- [X] EP 1375067 A1 20040102 - TOYODA MACHINE WORKS LTD [JP]
- [X] EP 1153708 A1 20011114 - ROLLS ROYCE PLC [GB]
- [X] JP 2005074580 A 20050324 - TOYODA MACHINE WORKS LTD

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2578360 A2 20130410; **EP 2578360 A3 20130731**; **EP 2578360 B1 20160224**; GB 201117243 D0 20111116; JP 2013082061 A 20130509; JP 6087567 B2 20170301; US 2013095734 A1 20130418

DOCDB simple family (application)

EP 12185898 A 20120925; GB 201117243 A 20111006; JP 2012221281 A 20121003; US 201213633529 A 20121002