

Title (en)

Tipped saw

Title (de)

Sägeblatt mit Schneideinsätzen

Title (fr)

Scie circulaire avec plaquettes de coupe

Publication

**EP 1378307 A1 20040107 (EN)**

Application

**EP 02022952 A 20021011**

Priority

JP 2002193344 A 20020702

Abstract (en)

There is manufactured and provided at a reasonable cost a tipped saw using tips of an extra-high pressure sintered material such as PCD, for example, a hollow face tipped saw. The tipped saw has tips 12 fixed to the distal ends of saw teeth 14 respectively. The tips 12 are made of an extra-high pressure sintered material formed by building a polycrystalline sintered material layer 22 on a surface of a cemented carbide substrate 20. A pair of tips 12, 12 is juxtaposed such that the polycrystalline sintered layers 22 thereof locate substantially side by side and are joined together by means spot welding at the cemented carbide substrate 20. <IMAGE>

IPC 1-7

**B23D 65/00**; **B23D 61/04**

IPC 8 full level

**B23D 61/04** (2006.01); **B23D 61/14** (2006.01); **B23D 65/00** (2006.01)

CPC (source: EP)

**B23D 61/04** (2013.01); **B23D 65/00** (2013.01)

Citation (search report)

[X] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 20 10 July 2001 (2001-07-10)

Cited by

EP1857238A1; CN105345934A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**EP 1378307 A1 20040107**; JP 2004034209 A 20040205

DOCDB simple family (application)

**EP 02022952 A 20021011**; JP 2002193344 A 20020702