

Title (en)

DIAMOND CUTTING SEGMENTS FOR CIRCULAR SAWS, IN PARTICULAR FOR CUTTING NATURAL STONE, AND CIRCULAR SAW PROVIDED WITH SUCH CUTTING SEGMENTS

Publication

EP 0133124 B1 19870304 (FR)

Application

EP 84401549 A 19840723

Priority

FR 8312342 A 19830726

Abstract (en)

[origin: EP0133124A1] 1. Diamond inserts for a circular saw, particularly for cutting natural stones, intended to be welded to the periphery of a circular cutting disk and formed by a mixture of diamond and a binder, principally in the form of a metal powder, the insert being subdivided into several elements sandwiched together having different diamond concentrations, characterized by the fact that the insert is subdivided into five elements, the two intermediate elements (4, 6) between the central element (5) and the external elements (3, 7) having a lower concentration than that of the other elements, and the central element (5), further having a larger width than the external elements (3, 7).

IPC 1-7

B28D 1/12

IPC 8 full level

B28D 1/12 (2006.01)

CPC (source: EP)

B28D 1/121 (2013.01)

Cited by

EP0249209A3; ES2762970A1; CN102267190A; ES2267398A1; EP0988950A1; EP0214795A1; CN117140745A; EP1332822A1; CN100368131C; WO0013867A1; WO03059562A1; WO0036264A1; KR100941826B1

Designated contracting state (EPC)

BE DE GB IT NL SE

DOCDB simple family (publication)

EP 0133124 A1 19850213; EP 0133124 B1 19870304; DE 3462454 D1 19870409; FR 2549769 A1 19850201; FR 2549769 B1 19870807

DOCDB simple family (application)

EP 84401549 A 19840723; DE 3462454 T 19840723; FR 8312342 A 19830726