

Title (en)
CUTTER BLOCK

Publication
EP 0265622 A3 19891123 (DE)

Application
EP 87112395 A 19870826

Priority
• DE 3636618 A 19861028
• DE 3811601 A 19880407

Abstract (en)
[origin: US4907631A] A cylindrical cutter head comprises a cutter head body having a cylindrical surface which is centered on an axis and which is formed with a plurality of radially outwardly open main grooves extending parallel to the axis and each having relative to a normal direction of rotation of the body about the axis a leading flank and a trailing flank. These flanks are generally planar and converge radially outward. A disposable knife blade in each of the grooves is pressed against the trailing flank thereof by an outwardly tapered centrifugal wedge braced radially between the blade and the leading flank. Each groove is formed immediately forward of its trailing flank with a radially inwardly projecting groove extension. Thus wide regrindable blades can be fitted in the groove with their rear edges seated in the respective groove extensions.

IPC 1-7
B27G 13/04

IPC 8 full level
B27G 13/04 (2006.01)

CPC (source: EP US)
B27G 13/04 (2013.01 - EP US); **Y10T 407/1938** (2015.01 - EP US); **Y10T 407/1942** (2015.01 - EP US)

Citation (search report)
• [X] EP 0033382 A2 19810812 - HOMBAK MASCHF GMBH [DE]
• [X] DE 3437688 C1 19860123
• [X] DE 3412251 A1 19851010 - DIMETAL Z I DU PHARE [FR]
• [A] DE 617874 C 19360905 - MASCHB LEYA A G
• [A] EP 0004312 A1 19791003 - REICH MASCHF GMBH KARL [DE]
• [A] DE 3209445 A1 19831006 - ELSEN REINHOLD W DR ING

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 4907631 A 19900313; DE 3811601 A1 19891026; DE 8816602 U1 19900104; EP 0265622 A2 19880504; EP 0265622 A3 19891123; EP 0265622 B1 19930602

DOCDB simple family (application)
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