Title (en)
Lap structure of a lapping tool

Title (de)
Läppstruktur eines Läppwerkzeuges

Title (fr)
Structure de rodage pour outil de rodage

Publication
EP 0733436 A1 19960925 (EN)

Application
EP 96104535 A 19960321

Priority
JP 8859095 A 19950323

Abstract (en)
To provide a lap structure of a lapping tool which is superior in wear and abrasion resisting property and maintains a lap shape for a long period of time without requiring any correction working. The lap structure of a lapping tool of the wet type wherein lapping is performed for a surface of a work using abrasion grain to finish the surface of the work is constructed such that a particle holding layer 11 wherein a particle holding member 12 softer than the abrasion grain 14 embeds and holds hard particles 13 in a substantially uniformly dispersed condition is formed on a lap surface, that a surface of the particle holding layer 11 is polished so that flat surfaces of the hard particles 13 polished together are exposed to the surface of the particle holding layer 11, and that the abrasion grain is held on the surface of the particle holding member 12 between the exposed hard particles 13. <IMAGE>

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B24B 19/11; B24B 33/08; B24D 17/00

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CPC (source: EP)
B24B 19/11 (2013.01); **B24B 33/081** (2013.01); **B24D 99/00** (2013.01)

Citation (search report)
- [XY] PATENT ABSTRACTS OF JAPAN vol. 013, no. 041 (M - 791) 30 January 1989 (1989-01-30)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 018, no. 115 (M - 1566) 24 February 1994 (1994-02-24)

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US7057352B2; CN102554739A; CN108857867A

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DE FR IT

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