

Title (en)
DIAMOND SURFACE POLISHING METHOD

Title (de)
VERFAHREN ZUM GLÄTTEN VON DIAMANTOBERFLÄCHEN

Title (fr)
PROCÉDÉ DE POLISSAGE D'UNE SURFACE DE DIAMANT

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Application
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Abstract (en)
[origin: WO2012090540A1] The present invention provides a diamond surface polishing method wherein it is possible to reduce the production of abrasion powder, increase the lifespan of a polishing member, easily control the polishing member, obtain a highly-smooth surface, and easily polish an uneven three-dimensional surface. A method for polishing a diamond surface (1a), the method being characterized in that a polishing member (3a) having a surface formed from carbon and an easily-reactive metal or a cementation metal is used, the diamond surface (1a) is irradiated with laser beams (5) before polishing the diamond surface (1a) with the polishing member (3a), and the polishing member (3a) is rubbed against a laser beam irradiation unit after the laser beams are emitted.

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