

Title (en)  
GRINDER FOR CORE OF OPTICAL CONNECTOR AND CORE GRINDING METHOD

Publication  
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Application  
**EP 86904925 A 19860807**

Priority  
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Abstract (en)  
[origin: EP0231397A1] Technique for grinding an end surface of a core (2) of an optical connector used for connecting an optical fiber (11), to grind the same into a convex surface. A grinder (3) is provided with at least a layer (4) of a low-elasticity material, and a grinding layer (6) laminated unitarily on the upper surface of the layer (4). The JIS-A hardness and Shore hardness of the layer (4) of the low-elasticity material are set to be not less than 50 DEG and not more than 60 DEG , respectively. When the surface of such a grinder and the end surface of the core (2) of an optical connector are brought into contact with each other with a suitable pressing force, the surface of the grinder (3) is recessed to form a concave surface. Accordingly, the end surface of the core (2) of the connector can be ground into a convex surface by utilizing this recession.

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Citation (examination)  
EP 0147633 A2 19850710 - ELBEL RABERAIN ANNE MARIE

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**EP 0231397 A1 19870812; EP 0231397 A4 19890313; EP 0231397 B1 19920304**; AU 6200086 A 19870305; CA 1322457 C 19930928; DE 3684135 D1 19920409; JP S6234762 A 19870214; KR 870700454 A 19871229; KR 930007108 B1 19930730; NZ 217135 A 19890106; WO 8700785 A1 19870212

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