

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

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Application
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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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EP 0147633 A2 19850710 - ELBEL RABERAIN ANNE MARIE

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