

Title (en)
PROCESS FOR FINISH-ABRADING OPTICAL-FIBER-CONNECTOR END-SURFACE

Title (de)
VERFAHREN ZUM ABSCHLIESSENDEN SCHLEIFEN DER ENDFLÄCHE EINES OPTISCHEN-FASER-STECKERS

Title (fr)
PROCESSUS DESTINE AU POLISSAGE DE FINITION DE LA SURFACE D'EXTREMITÉ D'UN CONNECTEUR A FIBRE OPTIQUE

Publication
EP 1474715 A1 20041110 (EN)

Application
EP 03703931 A 20030121

Priority
• JP 2002032675 A 20020208
• US 0301765 W 20030121

Abstract (en)
[origin: WO03067299A1] To provide a process for finish-abrading an optical-fiber-connector end-surface without generating abrasion scratch on an abraded surface of optical fiber, nor generating an adherent substance. A process for finish-abrading an optical-fiber-connector end-surface which comprises a step of abrading an optical-fiber-connector end-surface with using an abrasive film (100) composed of abrasive grains (103) fixed on a film-form substrate (101), in the presence of a lubricating liquid, wherein the lubricating liquid is an aqueous solution containing a hydrophilic surfactant.

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IPC 8 full level
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B24B 19/22 (2013.01 - KR); **B24B 19/226** (2013.01 - EP); **B24D 3/00** (2013.01 - KR); **B24D 3/28** (2013.01 - EP); **G02B 6/25** (2013.01 - KR); **G02B 6/38** (2013.01 - KR); **G02B 6/3863** (2013.01 - EP); **B24D 2203/00** (2013.01 - EP); **G02B 6/3818** (2013.01 - EP)

Citation (search report)
See references of WO 03067299A1

Citation (examination)
• US 5307593 A 19940503 - LUCKER JAMES A [US], et al
• US 6280489 B1 20010828 - HORIE YUJI [JP], et al

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