

Title (en)

METHOD FOR TESTING QUALITY OF OPTICAL NETWORK COMPONENTS

Title (de)

VERFAHREN ZUR PRÜFUNG DER QUALITÄT VON KOMPONENTEN EINES OPTISCHEN NETZWERKS

Title (fr)

PROCÉDÉ DE TEST DE QUALITÉ DE COMPOSANTS DE RÉSEAU OPTIQUE

Publication

**EP 3928441 A1 20211229 (EN)**

Application

**EP 20713069 A 20200219**

Priority

- GB 201902331 A 20190220
- GB 2020050390 W 20200219

Abstract (en)

[origin: WO2020169964A1] A method of testing the quality of a component in an optical network (10), comprises the steps of: (a) introducing a first calibrated reflector (15) at a location on an optical fibre (14) immediately before or in place of the component (16) to be tested; (b) measuring the reflection R<sub>o</sub> from the first calibrated reflector (15) on the optical fibre (14); (c) replacing the first calibrated reflector (15) on the optical fibre (14) with the component (16); (d) connecting a second calibrated reflector (19) after the component (16); (e) measuring the reflection R<sub>2</sub> from the second calibrated reflector (19); and (f) calculating the loss L<sub>c</sub> through the component (16), by comparison of the reflections R<sub>o</sub> and R<sub>2</sub>

IPC 8 full level

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CPC (source: EP GB)

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Citation (search report)

See references of WO 2020169964A1

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