

Title (en)
TUBE COUPLING FOR FIBRE OPTIC CABLE INSTALLATION

Title (de)
ROHRKUPPLUNG FÜR FASEROPTISCHE KABELINSTALLATION

Title (fr)
COUPLAGE DE TUBE POUR INSTALLATION DE CÂBLE À FIBRES OPTIQUES

Publication
EP 3997501 A1 20220518 (EN)

Application
EP 20737180 A 20200707

Priority
• GB 201909909 A 20190710
• EP 2020069089 W 20200707

Abstract (en)
[origin: WO2021005041A1] A fibre optic cable connector comprising a connector body (1) with an axial through bore (8) having a connector (2) at either end for the connection of a respective tube. An annular flange (20) extends radially into the through bore, each end face of the annular flange providing a stop surface for a respective tube end. The annular flange is undercut (21) such that it is inclined so that the axial dimension of the flange increases towards the axis. A plurality of axial splines (30) on the wall of the through bore in the vicinity of the annular flange deflect the outer wall of the tube as it approaches the flange.

IPC 8 full level
G02B 6/52 (2006.01); **F16L 33/32** (2006.01); **F16L 37/092** (2006.01); **G02B 6/44** (2006.01)

CPC (source: CN EP GB KR)
G02B 6/3887 (2013.01 - CN GB); **G02B 6/3888** (2021.05 - KR); **G02B 6/4428** (2013.01 - CN GB KR); **G02B 6/4459** (2013.01 - CN KR); **G02B 6/52** (2013.01 - EP KR); **G02B 6/4459** (2013.01 - EP)

Citation (search report)
See references of WO 2021005041A1

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WO 2021005041 A1 20210114; AU 2020312171 A1 20220203; CN 114450609 A 20220506; EP 3997501 A1 20220518; GB 201909909 D0 20190821; GB 2585670 A 20210120; GB 2585670 B 20230802; KR 20220054791 A 20220503

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EP 2020069089 W 20200707; AU 2020312171 A 20200707; CN 202080063457 A 20200707; EP 20737180 A 20200707; GB 201909909 A 20190710; KR 20227004282 A 20200707