

Title (en)

METHOD FOR PRODUCING AN OPTICAL ASSEMBLY, OPTICAL ASSEMBLY AND SPLITTER CASCADE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER OPTISCHEN BAUGRUPPE, OPTISCHE BAUGRUPPE SOWIE SPLITTERKASKADE

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ENSEMBLE OPTIQUE, ENSEMBLE OPTIQUE ET CASCADE DE SÉPARATEURS

Publication

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Application

EP 10785338 A 20101115

Priority

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Abstract (en)

[origin: WO2011057811A2] The invention relates to the cost-effective production of an optical assembly (20) which is in particular designed as a branching component and comprises a so-called splitter (4) as a passive optical component, wherein: in a first step, on a common wafer (2), a plurality of splitters (4) is generated by forming a corresponding conductor pattern (6), in a second step, optical fibers (18) are simultaneously coupled to the connection ends (8A, 8B) of the individual splitters (4) by means of a connection carrier (16), and finally in a third step, the individual splitters (4) are separated from one another by means of the connection carriers (16) connected thereto. According to the invention, only one common coupling process is required for a plurality of splitters (4). The splitters (4) preferably form a splitter cascade (24).

IPC 8 full level

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Citation (search report)

See references of WO 2011057811A2

Citation (examination)

- US 7391954 B1 20080624 - CASTONGUAY GUY [US], et al
- US 6236784 B1 20010522 - IDO TATEMI [JP]
- WO 2008092825 A1 20080807 - CCS TECHNOLOGY INC [US], et al

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