

Title (en)
Optical fiber coupler

Title (de)
OPTISCHER FASERKOPPLER

Title (fr)
COUPLEUR DE FIBRE OPTIQUE

Publication
EP 3338117 A1 20180627 (EN)

Application
EP 15828890 A 20151231

Priority
• PL 41143015 A 20150228
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Abstract (en)
[origin: WO2016137344A1] A fiber optic coupler according to the invention, containing a multi-core optical fiber with insulated cores, whereas core insulation is construed as the occurrence of zones characterized by reduced refractive index in the core neighborhood, characterized in that it contains at least one input optical fiber jointed to at least N-core multicore optical fiber with insulated cores, which is jointed to N output optical fibers, and core insulation is reduced in at least one section of the multicore optical fiber by reducing the dimensions of the reduced refractive index zone dimensions in the core neighborhood. 27 claimsfig.

IPC 8 full level
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See references of WO 2016137344A1

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