

Title (en)
WAVEGUIDE COMPRISING A CHANNEL ON AN OPTICAL SUBSTRATE

Title (de)
WELLENLEITER MIT EINEM KANAL IN EINEM OPTISCHEN SUBSTRAT

Title (fr)
GUIDE D'ONDE COMPORTANT UN CANAL DANS UN SUBSTRAT OPTIQUE

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Application
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Abstract (en)
[origin: WO0248747A2] The invention concerns a waveguide comprising a channel (12) on an optical substrate (11), the refractive index of said channel being higher than that of the substrate. Said waveguide comprises at least a guide layer (13) provided on the channel, the index of said guide layer being higher than that of the substrate. In addition, the channel (12) is integrated in the substrate (11). Advantageously, the guide further comprises a covering layer (14) arranged on the guide layer (13), the index of said covering layer being less than that of the guide layer and that of the channel. The invention also concerns a method for making said waveguide.

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