

Title (en)

OPTICAL PUMP DEVICE WITH SEVERAL OUTPUT PATHS AND USE OF SAME IN AN AMPLIFIER DEVICE

Title (de)

MEHRKANALIGE OPTISCHEPUMPVORRICHTUNG UND DEREN EINSETZUNG IN EINE VERSTÄRKERVORRICHTUNG

Title (fr)

DISPOSITIF DE POMPE OPTIQUE A PLUSIEURS VOIES DE SORTIE ET UTILISATION DU DISPOSITIF DE POMPE DANS UN DISPOSITIF D'AMPLIFICATION

Publication

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Application

EP 02795360 A 20021104

Priority

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- FR 0114260 A 20011105

Abstract (en)

[origin: WO03040765A2] The invention concerns an optical pump device comprising a pump source optically connected to an optical divider including an input path and n output paths, the input path being designed to receive a pump wave derived from the source and the n output paths being designed to supply n pump waves S₁, ..., S_n, n being an integer greater than 1. The invention also concerns the use of said pump device in an optical amplification device. The invention is applicable in all fields requiring several optical pumps and more particularly in the field of optical telecommunications and for example for optical amplifiers.

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IPC 8 full level

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Citation (search report)

See references of WO 03040765A2

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