

Title (en)

METHODS AND SYSTEMS FOR GENERATING HIGH PEAK POWER LASER PULSES

Title (de)

VERFAHREN UND SYSTEME ZUR ERZEUGUNG VON LASERIMPULSEN MIT HOHER SPITZENLEISTUNG

Title (fr)

PROCÉDÉS ET SYSTÈMES POUR LA GÉNÉRATION D'IMPULSIONS LASER DE FORTE PUISSANCE CRÊTE

Publication

EP 3804052 A1 20210414 (FR)

Application

EP 19731606 A 20190531

Priority

- FR 1854859 A 20180605
- EP 2019064219 W 20190531

Abstract (en)

[origin: WO2019233899A1] The present description relates to, according to one aspect, a system (10) for generating high peak power laser pulses comprising at least one first light source (101) for emitting first nanosecond laser pulses (IL), a fibre device (110) for carrying said first laser pulses, comprising at least one first multimode fibre with a single core arranged to receive said first laser pulses, and at least one first optical amplifier (120) arranged at the output of said fibre device for the optical amplification of said first laser pulses in order to form said high peak power laser pulses.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2019233899A1

Designated contracting state (EPC)

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