

Title (en)

AMPLIFICATION DEVICE WITH FREQUENCY DRIFT FOR A PULSED LASER

Title (de)

VERSTÄRKUNGSVORRICHTUNG MIT FREQUENZDRIFT FÜR EINEN GEPULSTEN LASER

Title (fr)

DISPOSITIF D'AMPLIFICATION À DÉRIVE DE FRÉQUENCE POUR UN LASER IMPULSIONNEL

Publication

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Application

EP 11755395 A 20110802

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Abstract (en)

[origin: WO2012017179A2] The invention relates to an amplification device with frequency drift for a pulsed laser, comprising successively: a stretcher (2) able to temporally stretch an incident laser pulse (91); at least one amplifying medium (3, 4) able to amplify the stretched laser pulse (92); a compressor (7) able to temporally compress the stretched and amplified laser pulse (95); in which the compressor (7) comprises, according to the invention, an amplifying medium (8), so as to amplify the partially temporally compressed laser pulse, so as to increase the energy yield of the amplifier.

IPC 8 full level

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CPC (source: EP US)

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