

Title (en)
LASER ASSEMBLY

Title (de)
LASERANORDNUNG

Title (fr)
AGENCEMENT LASER

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Abstract (en)
[origin: WO2013020713A1] The invention relates to a laser assembly (100) having a laser (L) for generating primary laser pulses (1), beam splitting optics (15) for splitting a primary laser pulse into a plurality of temporally staggered sub-pulses, and having focusing optics (17-19) for focusing the sub-pulses in or on an object (20) so that every sub-pulse is focused in a separate focus volume (F). The invention is characterized in that the reciprocal spatial and/or temporal relationship of the focus volumes (F) of the sub-pulses proceeding from a common primary laser pulse is variably adjustable. The invention also relates to a corresponding method.

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