

Title (en)

MONOFREQUENCY INTRA-CAVITY FREQUENCY-TRIPLED CONTINUOUS LASER

Title (de)

FREQUENZVERDREIFACHTER KONTINUIERLICHER EINFREQUENZ-INTRA-RESONATOR-LASER

Title (fr)

LASER CONTINU, TRIPLE EN FREQUENCE EN INTRA-CAVITE ET MONOFREQUENCE

Publication

**EP 1987571 A1 20081105 (FR)**

Application

**EP 07718011 A 20070117**

Priority

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Abstract (en)

[origin: WO2007083015A1] The invention relates to a diode-pumped intra-cavity frequency-tripled continuous laser device (D), this device comprising: an amplifying medium (A), a birefringent non-linear medium for frequency doubling (X2) and a birefringent non-linear medium for frequency tripling (X3). This laser furthermore includes a polarizing medium (P) so as to form an intra-cavity birefringent filter or Lyot filter, said Lyot filter being adapted so as to allow monofrequency output emission from said laser device.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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