

Title (en)

FREQUENCY DOUBLING IN LASER RESONATORS

Title (de)

FREQUENZVERDOPPLUNG IN LASERRESONATOREN

Title (fr)

DOUBLAGE DE FREQUENCE DANS DES RESONATEURS LASERS

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Application

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Abstract (en)

[origin: DE19728846A1] The invention relates to a system for doubling the frequency in a laser with the help of a non-linear crystal lodged in the fundamental wave resonator. In accordance with the invention, the crystal is configured according to the Fabry-Perot model and, as well as doubling the frequency, simultaneously causes selection of the axial modes of the fundamental wave resonator.

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