

Title (en)

METHOD AND DEVICE FOR OBTAINING A FLOW OF PHOTONS BETWEEN RESONANCES IN AN ELECTROMAGNETIC RESONATOR IN A CONTROLLED MANNER

Title (de)

VORRICHTUNG UND VERFAHREN ZUR KONTROLLIERTEN ERZIELUNG EINES PHOTONENFLUSSES ZWISCHEN RESONANZEN EINES ELEKTROMAGNETISCHEN RESONATORS

Title (fr)

DISPOSITIF ET PROCEDE POUR OBTENIR DE MANIERE CONTROLEE UN FLUX PHOTONIQUE ENTRE DES RESONANCES D'UN RESONATEUR ELECTROMAGNETIQUE

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Application

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Abstract (en)

[origin: WO0016341A1] The invention relates to a method and device for obtaining a flow of photons between selected resonances in an electromagnetic resonator and a selected target resonance in a controlled manner, whereby Bose-Einstein condensation of photons is assisted by said flow. This is achieved by selecting higher transition probabilities for photons in the transition between adjacent resonances, i.e. the initial resonances and the target resonance, than the corresponding absorption possibilities for said photons.

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