

Title (en)
OPTICAL ENHANCEMENT RESONATOR

Title (de)
OPTISCHER ÜBERHÖHUNGSRESONATOR

Title (fr)
RÉSONATEUR OPTIQUE À SURÉLÉVATION

Publication
EP 2907203 A1 20150819 (DE)

Application
EP 13788902 A 20131009

Priority
• DE 102012019733 A 20121009
• EP 2013071068 W 20131009

Abstract (en)
[origin: WO2014056989A1] The invention relates to an optical resonator (1), comprising at least one optical element (2), which reflects or transmits laser radiation, preferably pulsed laser radiation. The aim of the invention is to create a practical possibility of coupling pulsed laser radiation out of or into a resonator (1). The invention achieves said aim in that the optical element (2) can be switched, wherein in a first switching position the laser radiation is reflected or transmitted in such a way that the laser radiation circulates in the resonator (1), and wherein in a second switching position the laser radiation is coupled out of the resonator (1) or the laser radiation emitted by an external radiation source is coupled into the resonator (1).

IPC 8 full level
H01S 3/00 (2006.01)

CPC (source: EP)
H01S 3/0057 (2013.01)

Citation (search report)
See references of WO 2014056989A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014056989 A1 20140417; EP 2907203 A1 20150819

DOCDB simple family (application)
EP 2013071068 W 20131009; EP 13788902 A 20131009