

Title (en)
ACCUMULATOR OF LIGHT ENERGY

Title (de)
AKKUMULATOR VON LICHTENERGIE

Title (fr)
ACCUMULATEUR D'ÉNERGIE LUMINEUSE

Publication
EP 3257049 A1 20171220 (EN)

Application
EP 16712486 A 20160209

Priority
• IT RE20150006 A 20150209
• IB 2016050678 W 20160209

Abstract (en)
[origin: WO2016128895A1] The accumulator (10) of light energy comprises: - a source (20) of a light beam; - an accumulation chamber (30) with an entrance (31) through which the laser beam enters the accumulation chamber (30); - a plurality of reflective elements (40) arranged within the accumulation chamber (30) and oriented to reflect the laser beam along a closed reflection path; and deflector means adapted to deflect simultaneously the direction of a reflected light beam (B) from each of the reflective elements (40) towards a point of convergence (O), deflector means comprising a plurality of deflector elements (50), each aligned with a respective reflective element (40) along the respective stretch of reflection path and switchable alternately between a non-reflection configuration with a laser beam incident (A) on each of the reflective elements (40), and a reflection configuration with the laser beam incident (A) on each of the reflective elements (40), wherein each of deflector elements (50) in the reflection configuration is adapted to reflect the incident laser beam (A) by deflecting it from the reflection path towards the point of convergence (O) of reflected light beams (B).

IPC 8 full level
G21B 1/23 (2006.01); **H01S 3/107** (2006.01)

CPC (source: EP)
G21B 1/23 (2013.01); **Y02E 30/10** (2013.01)

Citation (search report)
See references of WO 2016128895A1

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 2016128895 A1 20160818; EP 3257049 A1 20171220

DOCDB simple family (application)
IB 2016050678 W 20160209; EP 16712486 A 20160209