

Title (en)

ARRANGEMENT AND METHOD FOR ELECTROMAGNETIC FREQUENCY MODIFICATION

Title (de)

ANORDNUNG UND METHODE ZUR ELEKTROMAGNETISCHEN FREQUENZ-MODIFIKATION

Title (fr)

AGENCEMENT ET PROCÉDÉ DE MODIFICATION DE LA FRÉQUENCE ÉLECTROMAGNÉTIQUE

Publication

EP 4115542 A1 20230111 (DE)

Application

EP 21711486 A 20210304

Priority

- DE 102020001412 A 20200304
- EP 2021055508 W 20210304

Abstract (en)

[origin: WO2021176011A1] The invention relates to a modulator device for frequency modification of electromagnetic radiation by a reflecting current-carrying modulator layer. The invention also relates to an optical arrangement comprising such a modulator device and to a method for modulating a frequency and/or an amplitude of electromagnetic radiation using such a modulator device.

IPC 8 full level

H04B 10/50 (2013.01); **G02F 1/225** (2006.01); **H04B 10/54** (2013.01)

CPC (source: EP)

G02F 1/2255 (2013.01); **H04B 10/505** (2013.01); **H04B 10/54** (2013.01); **H04B 10/548** (2013.01)

Citation (search report)

See references of WO 2021176011A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2021176011 A1 20210910; EP 4115542 A1 20230111

DOCDB simple family (application)

EP 2021055508 W 20210304; EP 21711486 A 20210304