Title (en)

KEY INCLUDING A MECHANICAL CODING PART WITH INNER CAVITIES, LOCK FOR SAID KEY AND METHOD FOR FABRICATING SAID KEY BY MEANS OF AN ADDITIVE MANUFACTURING PROCESS

Title (de)

SCHLÜSSEL MIT EINEM MECHANISCHEN CODIERTEIL MIT INNEREN HOHLRÄUMEN, SCHLOSS FÜR DIESEN SCHLÜSSEL UND VERFAHREN ZUR HERSTELLUNG DIESES SCHLÜSSELS MITTELS EINES GENERATIVEN FERTIGUNGSVERFAHRENS

Title (fr)

CLÉ COMPRENANT UNE PARTIE DE CODAGE MÉCANIQUE À CAVITÉS INTERNES, SERRURE POUR LADITE CLÉ ET PROCÉDÉ DE FABRICATION DE LADITE CLÉ AU MOYEN D'UN PROCÉDÉ DE FABRICATION ADDITIVE

Publication

EP 4062014 A1 20220928 (EN)

Application

EP 20807056 A 20201119

Priority

- EP 19210288 A 20191120
- EP 2020082722 W 20201119

Abstract (en)

[origin: WO2021099485A1] The key includes a mechanical coding part (10), which comprises inner cavities (20) defining a coding of the key. The inner cavities are limited by boundaries defined by walls made in one piece. The walls enclose the inner cavities such that the boundaries are invisible from outside, A lock configured to be used in combination with the key comprises at least one first sensor configured to detect the inner cavities of the key to determine the coding of the key and a comparator for comparing the determined coding with stored coding information to determine whether the determined coding is authorized or not.

IPC 8 full level

E05B 19/00 (2006.01); **E05B 17/00** (2006.01); **E05B 47/00** (2006.01); **E05B 49/00** (2006.01); **G07C 9/00** (2020.01)

CPC (source: EP)

E05B 17/0004 (2013.01); **E05B 19/00** (2013.01); **E05B 47/0001** (2013.01); **E05B 47/0012** (2013.01); **E05B 49/002** (2013.01); **G07C 9/00658** (2013.01); E05B 29/0066 (2013.01)

Citation (search report)

See references of WO 2021099485A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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