

Title (en)
SPRING FOR NOTCHING SYSTEM AND TIMEPIECE NOTCHING SYSTEM

Title (de)
FEDER FÜR EIN RASTUNGSSYSTEM UND RASTUNGSSYSTEM EINES UHRWERKS

Title (fr)
RESSORT POUR SYSTÈME DE CRANTAGE ET SYSTÈME DE CRANTAGE HORLOGER

Publication
EP 4020097 A1 20220629 (FR)

Application
EP 21216226 A 20211221

Priority
EP 20216567 A 20201222

Abstract (en)
[origin: US2022197216A1] A spring (1) for a notching system, the spring including at least two elastic arms (11, 12), and a first toothset having first notching teeth (11a, 12a) disposed on each of the arms, the spring being designed such that, in a position in which one of the arms of the spring is not loaded, the arm is convex as seen from the top of the first notching tooth of this arm.

Abstract (fr)
Ressort (1) pour système de crantage, le ressort comprenant :- au moins deux bras élastiques (11, 12), et- une première denture comprenant des premières dents de crantage (11a, 12a) disposées sur chacun des bras,- le ressort étant conformé de sorte que, dans une position dans laquelle l'un des bras du ressort n'est pas sollicité, ledit bras est convexe vu depuis le sommet de la première dent de crantage de ce bras.

IPC 8 full level
G04B 19/22 (2006.01); **G04B 3/08** (2006.01); **G04B 11/00** (2006.01); **G04B 11/02** (2006.01); **G04B 19/28** (2006.01); **G04B 37/00** (2006.01)

CPC (source: CN EP US)
G04B 1/14 (2013.01 - US); **G04B 13/023** (2013.01 - US); **G04B 13/025** (2013.01 - US); **G04B 19/221** (2013.01 - EP); **G04B 19/223** (2013.01 - CN); **G04B 19/225** (2013.01 - CN); **G04B 19/283** (2013.01 - CN EP US); **G04B 37/0008** (2013.01 - CN); **G04B 37/0033** (2013.01 - EP); **G04B 3/08** (2013.01 - EP); **G04B 11/003** (2013.01 - EP); **G04B 11/008** (2013.01 - EP); **G04B 11/02** (2013.01 - EP)

Citation (applicant)
• EP 2624076 A1 20130807 - MONTRES TUDOR SA [CH]
• EP 0686897 A1 19951213 - ROLEX MONTRES [CH]
• EP 1431845 A1 20040623 - ROLEX SA [CH]
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• EP 1544691 A1 20050622 - ETA SA MFT HORLOGERE SUISSE [CH]
• EP 3379342 A1 20180926 - OFFICINE PANERAI AG [CH]
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Citation (search report)
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• [A] EP 3582028 A1 20191218 - ROLEX SA [CH]
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• [A] EP 2813902 A1 20141217 - CARTIER CRÉATION STUDIO S A [CH]
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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)
EP 4020097 A1 20220629; CN 114660920 A 20220624; JP 2022099297 A 20220704; US 11977355 B2 20240507; US 2022197216 A1 20220623

DOCDB simple family (application)
EP 21216226 A 20211221; CN 202111579083 A 20211222; JP 2021205779 A 20211220; US 202117558563 A 20211221