

Title (en)
INTERNAL CLOCK COVERING COMPONENT

Title (de)
INTERNE UHRVERKLEIDUNGSKOMPONENTE

Title (fr)
COMPOSANT D'HABILLAGE INTERNE D'HORLOGERIE

Publication
EP 3098670 A1 20161130 (FR)

Application
EP 15169387 A 20150527

Priority
EP 15169387 A 20150527

Abstract (en)
[origin: US2016349704A1] Utilisation of a single phase alloy with a face-centred cubic structure including at least copper and nickel, and including a total mass percentage of copper and nickel greater than or equal to 50%, for making an inner component for timepiece parts, this alloy including a mass proportion of copper greater than or equal to 50% and/or a mass proportion of nickel greater than or equal to 15.0% of the total mass in which case this alloy includes a mass proportion of manganese less than or equal to 2.0%. Method for fabrication of an inner component for timepiece parts which is of determined shape and dimensions, in which method there is taken a raw material made of such an alloy and this raw material is machined to obtain an inner component for timepiece parts with the finished dimensions corresponding to these determined shape and dimensions.

Abstract (fr)
Composant d'habillage interne d'horlogerie (1). Ce composant (1) est réalisé intégralement dans un alliage monphasé à structure cubique faces centrées comportant, en masse, un total cuivre et nickel supérieur ou égal à 50,0% du total, et ledit composant (1) est exempt de tout revêtement. Utilisation d'un tel alliage monphasé pour la réalisation d'un composant d'habillage interne d'horlogerie (1). Procédé de fabrication d'un composant d'habillage interne d'horlogerie (1) de forme et de dimensions déterminées, où on se munit d'un matériau brut en alliage monphasé à structure cubique faces centrées comportant en masse, un total cuivre et nickel supérieur ou égal à 50,0% du total, et où on effectue un usinage dudit matériau brut pour l'obtention d'un composant d'habillage interne d'horlogerie (1) aux cotes finies correspondant auxdites forme et dimensions déterminées.

IPC 8 full level
G04B 19/04 (2006.01); **C22C 9/06** (2006.01); **G04B 19/12** (2006.01)

CPC (source: CN EP US)
C22C 9/00 (2013.01 - CN); **C22C 9/01** (2013.01 - EP US); **C22C 9/06** (2013.01 - CN EP US); **C22C 19/002** (2013.01 - EP US); **C22C 19/03** (2013.01 - CN); **C22C 30/02** (2013.01 - CN); **C22C 30/06** (2013.01 - CN); **G04B 19/04** (2013.01 - CN); **G04B 19/042** (2013.01 - EP US); **G04B 19/103** (2013.01 - CN); **G04B 19/12** (2013.01 - EP US); **G04D 3/0048** (2013.01 - US)

Citation (search report)

- [XAI] FR 1049188 A 19531228
- [A] EP 2182096 A1 20100505 - NIVAROX SA [CH]
- [A] FR 2457905 A1 19801226 - OLIN CORP
- [A] US 5617377 A 19970401 - PERRET JR GERARD A [US]

Cited by
EP3385795A1; EP3751356A1; EP4163734A1

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 3098670 A1 20161130; **EP 3098670 B1 20180919**; CN 106191520 A 20161207; CN 106191520 B 20180914; JP 2016224036 A 20161228; JP 6175160 B2 20170802; US 2016349704 A1 20161201

DOCDB simple family (application)
EP 15169387 A 20150527; CN 201610353994 A 20160525; JP 2016093146 A 20160506; US 201615141025 A 20160428