

Title (en)
Geschraubte Krone mit Ventil oder integriertem Druckschalter

Title (de)
Screwed crown with valve or integrated pushbutton

Title (fr)
Couronne à vis à soupape ou à poussoir intégré

Publication
EP 2166420 A3 20140402 (FR)

Application
EP 09169807 A 20090909

Priority
CH 14982008 A 20080922

Abstract (en)
[origin: EP2166420A2] The crown has a cylindrical head (2) integrated with a central rod (3). The head is equipped with a threaded part (2.1) at its internal circumference. An auxiliary rod (5) is housed in a fixed tube (1) in a sliding and rotative manner, and partially surrounds the central rod. The central rod is housed in the auxiliary rod in a sliding manner. A pretensioning spring (6) is arranged in a hollow space formed in the cylindrical head to apply pretensioning force on the auxiliary rod.

IPC 8 full level
G04B 37/10 (2006.01); **G04B 3/04** (2006.01)

CPC (source: EP)
G04B 3/046 (2013.01); **G04B 37/103** (2013.01)

Citation (search report)

- [Y] EP 1916577 A2 20080430 - PIBOR ISO S A [CH]
- [Y] CH 226715 A 19430430 - ROCHE S A [CH]
- [A] EP 0554797 A1 19930811 - SMH MANAGEMENT SERVICES AG [CH]
- [A] FR 843816 A 19390711 - TAUBERT ET FILS

Cited by
CN108572541A; EP3483670A1; KR20190052623A; EP3483669A1; KR20190052630A; CN114545755A; US10908557B2; US9588494B2; US10852697B2; US10838365B2

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2166420 A2 20100324; EP 2166420 A3 20140402; CH 699558 A1 20100331; CH 699558 B1 20130614

DOCDB simple family (application)
EP 09169807 A 20090909; CH 14982008 A 20080922