

Title (en)  
Dismountable crown

Title (de)  
Abnehmbares Kronrad

Title (fr)  
Couronne démontable

Publication  
**EP 2746870 A1 20140625 (FR)**

Application  
**EP 12197843 A 20121218**

Priority  
EP 12197843 A 20121218

Abstract (en)  
The crown (1) has a cap (11) formed by integrating a cover (112) with a lateral skirt. A removable deck ring (60) made of shape memory alloy material covers toroid cross-section diameter of an O-ring joint, and is arranged on a shoulder (1161) arranged at a bottom face of the cap. A space is formed between an inner circumference of the removable deck ring and an outer circumference of a central pipe (2) of the crown, where space size is less than or equal to 1.5 times of the toroid cross-section diameter. Two gripping areas (1162) are formed on the deck ring on the crown. An independent claim is also included for a method for assembling and disassembling a removable deck ring of a timepiece crown.

Abstract (fr)  
Couronne d'horlogerie comprenant un capot formé d'un couvercle solidaire d'une jupe latérale. La couronne comporte également un deckring amovible.

IPC 8 full level  
**G04B 3/06** (2006.01); **G04B 3/04** (2006.01); **G04B 37/10** (2006.01)

CPC (source: EP US)  
**G04B 3/041** (2013.01 - EP US); **G04B 3/06** (2013.01 - EP US); **G04B 37/10** (2013.01 - EP US); **G04B 37/103** (2013.01 - EP US); **Y10T 29/49586** (2015.01 - EP US)

Citation (applicant)  
EP 0655664 A1 19950531 - SMH MANAGEMENT SERVICES AG [CH]

Citation (search report)  
• [XAI] EP 1701225 A1 20060913 - BONINCHI SA [CH]  
• [XAI] CH 291565 A 19530630 - AUCHERE JEAN EDOUARD VICTOR [FR]  
• [XAI] WO 2012168243 A1 20121213 - OMEGA SA [CH], et al  
• [XAI] CH 655826 A3  
• [XAI] CH 247035 A 19470215 - SCHMITZ WERNER [CH]  
• [A] EP 1124167 A1 20010816 - BONINCHI SA [CH]

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EP3279745A1; KR20180015080A; US10228656B2

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 2746870 A1 20140625; EP 2746870 B1 20170208**; CH 707293 A2 20140630; CH 707293 B1 20170929; CN 103869682 A 20140618; CN 103869682 B 20170510; HK 1199112 A1 20150619; JP 2014119463 A 20140630; JP 5715679 B2 20150513; TW 201437773 A 20141001; TW I612402 B 20180121; US 2014169144 A1 20140619; US 9229431 B2 20160105

DOCDB simple family (application)  
**EP 12197843 A 20121218**; CH 28462012 A 20121218; CN 201310698263 A 20131218; HK 14112569 A 20141215; JP 2013260873 A 20131218; TW 102144663 A 20131205; US 201314105516 A 20131213