

Title (en)
INTEGRAL ADJUSTING MEMBER AND METHOD FOR MAKING SAME

Title (de)
INTEGRIERTES EINSTELLUNGSELEMENT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
ORGANE RÉGULATEUR MONOBLOC ET SON PROCÉDÉ DE FABRICATION

Publication
EP 2257856 A1 20101208 (FR)

Application
EP 09722049 A 20090313

Priority
• EP 2009053000 W 20090313
• EP 08153101 A 20080320
• EP 09722049 A 20090313

Abstract (en)
[origin: EP2104008A1] The regulator (41') has a balance (43') co-operating with a spiral (51') formed in a silicon based material layer. The balance has a balance spring that is co-axially mounted on a collet (55') and comprises a silicon dioxide based part. The collet comprises an extension part projecting from the spring and formed in a silicon based material layer, where the extension part is fixed on the balance. The balance has a hole increasing an inner diameter of the collet to receive a balance staff (49). An independent claim is also included for a method for fabricating a monobloc regulator.

IPC 8 full level
G04B 17/06 (2006.01); **G04D 3/00** (2006.01)

CPC (source: EP KR US)
G04B 17/063 (2013.01 - EP KR US); **G04B 17/066** (2013.01 - KR); **G04D 3/0038** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2009115463A1

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Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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EP 08153101 A 20080320; CN 200980110003 A 20090313; EP 09722049 A 20090313; EP 2009053000 W 20090313; HK 11108314 A 20110809; JP 2011500162 A 20090313; KR 20107019732 A 20090313; RU 2010142920 A 20090313; TW 98109208 A 20090320; US 93352809 A 20090313