

Title (en)

Method for assembling a part on an axle

Title (de)

Montageverfahren eines Bauteils auf eine Welle

Title (fr)

Procédé d'assemblage d'une pièce sur un axe

Publication

**EP 2107433 B1 20160727 (FR)**

Application

**EP 08153971 A 20080402**

Priority

EP 08153971 A 20080402

Abstract (en)

[origin: EP2107433A1] The method involves providing an intermediate piece in soft material e.g. collet (12), piercing a hole in the intermediate piece, and mounting the intermediate piece on a support shaft, where the intermediate piece defines a face (18) and an edge (20) around the hole. A piece in hard material e.g. hairspring (10), is pierced by an opening. The piece in hard material is placed on the edge of the intermediate piece. The intermediate piece is deformed in a manner to integrate the pieces axially and angularly to form an assembly. The assembly is mounted on the shaft. An independent claim is also included for a collet-hairspring assembly comprising a flange that is folded over an intermediate piece.

IPC 8 full level

**G04B 13/02** (2006.01); **G04B 17/34** (2006.01)

CPC (source: EP)

**G04B 13/022** (2013.01); **G04B 17/345** (2013.01)

Cited by

EP2469352A1; CH706645A1; EP2469354A3; EP2469355A3; CN102566395A; EP3106935A1; EP3112955A1; EP3106929A1; EP3115852A1; CN106257348A; JP2017009602A; US10429796B2; US10343234B2; EP3106932A1; EP3112952A1; CN106257350A; JP2017009593A; EP2469351A1; EP2469354A2; TWI686257B; EP2469355A2; US8707536B2; US10564606B2; TWI556932B; TWI693488B

Designated contracting state (EPC)

CH DE FR IT LI

DOCDB simple family (publication)

**EP 2107433 A1 20091007; EP 2107433 B1 20160727**

DOCDB simple family (application)

**EP 08153971 A 20080402**