

Title (en)

METHOD FOR MANUFACTURING A HAIRSPRING WITH A PREDETERMINED STIFFNESS BY REMOVING MATERIAL

Title (de)

HERSTELLUNGSVERFAHREN EINER SPIRALFEDER MIT EINER VORBESTIMMTEN STEIFIGKEIT DURCH WEGNAHME VON MATERIAL

Title (fr)

PROCEDE DE FABRICATION D'UN SPIRAL D'UNE RAIDEUR PREDETERMINEE PAR RETRAIT DE MATIERE

Publication

**EP 3181938 B1 20190220 (FR)**

Application

**EP 15201330 A 20151218**

Priority

EP 15201330 A 20151218

Abstract (en)

[origin: JP2017111131A] PROBLEM TO BE SOLVED: To provide a method for manufacturing a balance spring having very high dimensional accuracy and a proper rigidity.SOLUTION: The present invention relates to a method for manufacturing a balance spring having a predetermined rigidity. The method includes the steps of: manufacturing a balance spring having a dimension in which its thickness is increased; and determining a rigidity of the balance spring formed in the step a), in order to obtain the balance spring having a dimension necessary for the predetermined rigidity by removing a material with a certain volume.SELECTED DRAWING: Figure 2

IPC 8 full level

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Citation (opposition)

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