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ABSTRACT

METHOD FOR MANUFACTURING A BALANCE-SPRING FOR A CLOCKWORK MOVEMENT AND BALANCE-SPRING OBTAINED ACCORDING TO SAID METHOD

The invention concerns a method for manufacturing a balance-spring for a clockwork movement wherein a spring is formed by winding, from a wire or metal strip, said spring including an inner end intended to be fixed to a balance and a outer end zone intended to be fixed to the balance-spring stud and wherein the whole spring is subjected to a first heat treatment subsequent to the winding step of said wire. The method of the invention is characterised in that it further includes an additional step consisting in subjecting at least said outer end zone to a second heat treatment.

This method improves in particular the shock resistance of the balance-spring.

Figure 2

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