

Title (en)  
PART FOR CLOCK MOVEMENT

Title (de)  
BAUTEIL FÜR UHRWERK

Title (fr)  
PIÈCE POUR MOUVEMENT D'HORLOGERIE

Publication  
**EP 3273305 B1 20230719 (FR)**

Application  
**EP 16180228 A 20160719**

Priority  
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Abstract (en)  
[origin: JP2018013480A] PROBLEM TO BE SOLVED: To provide a pivot arbor which both limits the sensitivity to magnetic fields and is improved in wear resistance, shock resistance and corrosion resistance.SOLUTION: The invention relates to a pivot arbor comprising a metal pivot at each of its ends. The metal is a non-magnetic aluminium alloy in order to limit its sensitivity to magnetic fields. At least an outer surface 5 of one of the two pivots 3 is deep-hardened to a predetermined depth with respect to the rest of the arbor to harden the pivots 3.SELECTED DRAWING: Figure 2

IPC 8 full level  
**G04B 1/16** (2006.01); **C22C 21/10** (2006.01); **G04B 13/02** (2006.01); **G04B 15/14** (2006.01); **G04B 17/32** (2006.01); **G04B 43/00** (2006.01)

CPC (source: EP RU US)  
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**G04B 15/14** (2013.01 - EP US); **G04B 17/32** (2013.01 - EP US); **G04B 43/007** (2013.01 - EP US); **G04D 3/0069** (2013.01 - US)

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