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(54) TITANIUM COPPER FOR ELECTRONIC COMPONENTS

(57) The present invention is intended to improve bending workability of titanium copper for electronic components, and to provide a titanium copper for electronic components, which has excellent bending workability even when subjected to beating process, and to provide a method for manufacturing the same. One embodiment of the present invention is a titanium copper, comprising 2.0 to 4.5 mass% of Ti, and at least one element selected from the group consisting of Fe, Co, Ni, Cr, Zn, Zr, P, B, Mo, V, Nb, Mn, Mg, and Si in total of 0 to 0.5 mass% as a third element(s), and the rest consisting of copper and inevitable impurities, wherein in a crystal orientation analysis by EBSD measurement on the rolled surface, when an orientation difference of 5° or more is defined as a crystal grain boundary, a coefficient of variation of crystal grain size is 45% or less, and an area ratio of Cube orientation {001} <100> is 5% or less.

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EUROPEAN SEARCH REPORT

Application Number
EP 18 19 6022

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2010/139822 A1 (GAO WEILIN [JP] ET AL) 10 June 2010 (2010-06-10) * paragraphs [0068] - [0078], [0083]; table 1 *	1-6	INV. C22C9/00 C22F1/08
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TECHNICAL FIELDS SEARCHED (IPC)
C22C
C22F

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Munich	29 March 2019	González Junquera, J

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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