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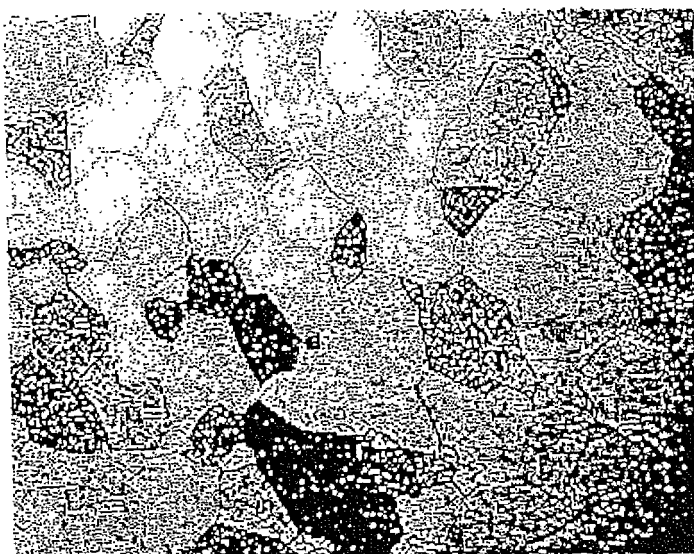
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(54) **Tantalum sputtering target**

(57) A tantalum sputtering target, wherein when the sum of the overall crystalline orientation is 1 on a tantalum target surface, the area ratio of crystals having any orientation among (100), (111), (110) does not exceed 0.5.

Thus, obtained is a tantalum sputtering target having superior deposition properties where the deposition speed is high, film evenness (uniformity) is superior, and generation of arcings or particles is reduced.

Fig 1



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EUROPEAN SEARCH REPORT

Application Number  
EP 10 17 5208

DOCUMENTS CONSIDERED TO BE RELEVANT			
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			C23C
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		9 December 2010	Ekhult, Hans
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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