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(54) **An outer race for a constant-velocity joint and manufacturing method therefor**

(57) An outer race for a constant-velocity joint is described, which is high precision, lightweight, and rotationally well balanced. A method of manufacturing the same is also described. The method of manufacturing an outer race for constant velocity joint does not place

an excessive load on the mould used in the method. The method involves the use of a blank (1;11) obtained by a forging method and which therefore is isotropic in the circumferential direction. The blank is formed into an outer race using forward extrusion.

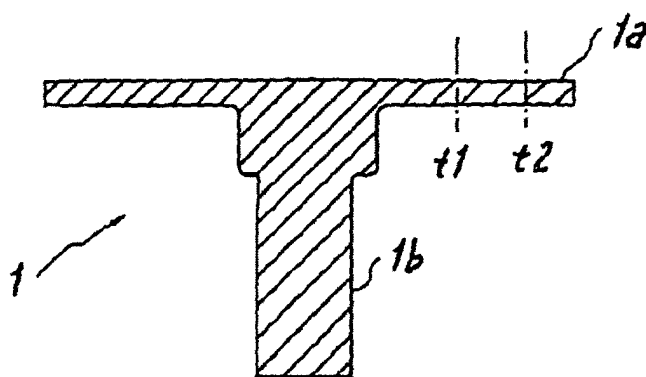


Figure 1

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EUROPEAN SEARCH REPORT

Application Number
EP 02 25 6247

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 3 July 2003	Examiner J. Giráldez Sánchez
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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