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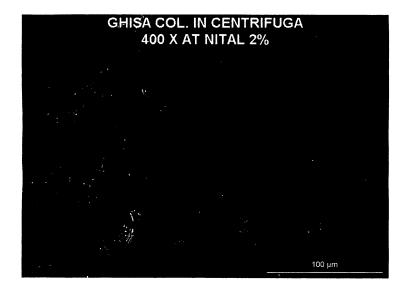
(54) Brake disc production method and products thereby obtained

(57) The invention describes a brake disc production system and the products thereby obtained, featuring a cast iron melting phase and a subsequent plurality of phases in which a metal mould is made to rotate and is lined with a particular refractory material. There follows a phase in which the liquefied cast iron is removed from the furnace then poured into the rotating mould through a special opening.

At this point, the mould is cooled by means of nozzles

which spray water at the said mould's external surface, and the cylindrical element obtained at the end of the cooling phase is then extracted.

Finally, a shot blasting phase is carried out in which all the residues are cleaned off the cylindrical element, followed by a phase in which the structural and mechanical characteristics of the said element are checked. Finally, the cylindrical element is cut into "slices" to realise the single discs.





EUROPEAN SEARCH REPORT

Application Number EP 06 42 5007

Category	Citation of document with in of relevant passa	dication, where appropriate, ges	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
<u> </u>	PATENT ABSTRACTS OF vol. 012, no. 257 (20 July 1988 (1988-	JAPAN M-719), 07-20) AMAHA MOTOR CO LTD),	5-11	TECHNICAL FIELDS SEARCHED (IPC) F16D B22D
	The present search report has b	peen drawn up for all claims		
	Place of search	Date of completion of the search		Examiner
	The Hague	11 May 2006	Hoo	liamont, S
X : part Y : part docu A : tech O : non	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another iment of the same category inological background written disclosure rediate document	E : earlier patent after the filing eer D : document cite L : document cite	ed in the application d for other reasons	shed on, or

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 06 42 5007

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

11-05-2006

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