

⑫

EUROPEAN PATENT APPLICATION

⑰ Application number: **82305306.1**

⑤① Int. Cl.³: **C 22 C 37/04**

⑳ Date of filing: **05.10.82**

③① Priority: **05.10.81 JP 157542/81**

⑦① Applicant: **NISSAN MOTOR COMPANY, LIMITED, No.2, Takara-cho, Kanagawa-ku, Yokohama City (JP)**

④③ Date of publication of application: **13.04.83 Bulletin 83/15**

⑦② Inventor: **Tanaka, Yoshimasa, No. 3-1-2-201, Tsujido-nishi-kaigan, Fujisawa City (JP)**

⑥④ Designated Contracting States: **DE FR GB IT**

⑧⑧ Date of deferred publication of search report: **26.10.83 Bulletin 83/43**

⑦④ Representative: **Lamb, John Baxter et al, Marks & Clerk 57/60 Lincoln's Inn Fields, London WC2A 3LS (GB)**

⑤④ **Heat-resistant spheroidal graphite cast iron.**

⑤⑦ A heat-resistant spheroidal graphite cast iron consisting essentially of not more than 3.4 wt% of C, 3.5 to 5.5 wt% of Si, not more than 0.6 wt% of Mn, 0.1 to 0.7 wt% of Cr, 0.3 to 0.9 wt% of Mo, not more than 0.1 wt% of a spheroidizing agent (Mg, Ca or Ce), and balance Fe. Preferably, the cast iron contains at least 1.7% of C and from 0.25 to 0.7% of Cr.



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Y	FR-A-1 056 979 (BRITISH CAST IRON RESEARCH ASSOCIATION) * Abstract I 1; page 1, left-hand column, paragraph 1; page 2, left-hand column, paragraph 1; page 3, right-hand column, paragraphs 1,3 *	1,4	C 22 C 37/04
Y	FR-A-1 024 517 (MOND NICKEL CY) * Abstract A 1,2; page 1, right-hand column, paragraph 1 and last phrase *	1,2,4	
Y	US-A-2 762 705 (SPEAR et al.) * Column 1, lines 15-20; column 6, line 64 - column 7, line 5 *	1,2,4	
Y	FR-A- 953 445 (BRITISH CAST IRON RESEARCH ASSOCIATION) * Abstract 1b,2c,d *	1,2,4	TECHNICAL FIELDS SEARCHED (Int. Cl. ³) C 22 C 37/04 C 22 C 37/06
Y	DE-A-2 428 822 (GOETZEWERKE FRIEDRICH GOETZE AG) * Claims 1,2,5,6; page 2, paragraph 2 *	1,2	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12-07-1983	Examiner LIPPENS M.H.
CATEGORY OF CITED DOCUMENTS			
* particularly relevant if taken alone * particularly relevant if combined with another document of the same category A technological background G non-written disclosure W intermediate document		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	