

12

EUROPEAN PATENT APPLICATION

21 Application number: 85107588.7

51 Int. Cl.: **C 23 F 13/02**

22 Date of filing: 19.06.85

30 Priority: 22.06.84 JP 127631/84

71 Applicant: **EBARA CORPORATION**, 11-1, Haneda Asahi-cho, Ota-ku, Tokyo, 144 (JP)

43 Date of publication of application: 29.01.86
Bulletin 86/5

72 Inventor: **Miyasaka, Matsuho**, 262-32, 3-304, Kamigo-cho Totsuka-ku, Yokohama-shi Kanagawa-ken (JP)
 Inventor: **Ichikawa, Katsuhiro**, 2-164-156, Iraya, Zama-shi Kanagawa-ken (JP)
 Inventor: **Sasaki, Katsumi**, 5-19-9, Haneda Ota-ku, Tokyo (JP)
 Inventor: **Mizobuchi, Syotaro**, 2-20-401, Satsuki-cho, Ebina-shi Kanagawa-ken (JP)
 Inventor: **Ogure, Naoaki**, 1-26-6-306, Chuou Nakano-ku, Tokyo (JP)

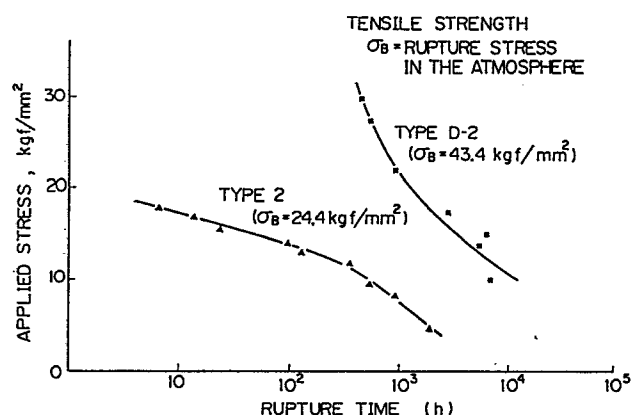
34 Designated Contracting States: **DE FR GB IT SE**

88 Date of deferred publication of search report: 26.03.86 Bulletin 86/13

74 Representative: **Patentanwälte Liedl, Nöth**, Steinsdorfstrasse 21-22, D-8000 München 22 (DE)

54 **Method of preventing stress corrosion cracking in machines or machine parts made of austenitic cast iron.**

57 A method of preventing the occurrence of stress corrosion cracking in machines or machine parts made of austenitic cast iron by subjecting them to cathodic polarization, such cathodic polarization preferably being such that the applied potential is at least 50 mV more base (less noble) than the stabilized natural potential.





European Patent
Office

EUROPEAN SEARCH REPORT

0169374
Application number

EP 85 10 7588

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.4)
Y	DE-A-2 144 834 (BROWN AND BOVARI & CO.) * Page 2, lines 19-22; claims *	1-4	C 23 F 13/02
Y	--- WERKSTOFFE UND KORROSION, vol. 31, no. 12, December 1980, page 953, no. 80-3563, Weinheim, DE; A.I. KOVALENKO: "The cathodic protection for centrifugal pumps from corrosion-erosion by industrial drainage waters", & KORROZ. ZASHCH. 1979, (6), 11-14	1-4	
A	--- US-A-4 152 236 (BFESE) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			C 23 F 13/02
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13-12-1985	Examiner VAN LEEUWEN R.H.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
Y : particularly relevant if combined with another document of the same category		E : earlier patent document, but published on, or after the filing date	
A : technological background		D : document cited in the application	
O : non-written disclosure		L : document cited for other reasons	
P : intermediate document		& : member of the same patent family, corresponding document	