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㉚ **Corrosion resistant nickel base alloy.**

㉛ A nickel base alloy is provided having excellent hot and cold workability and superior corrosion resistance to a variety of media including deep sour gas well environments. The alloy consists essentially of 27 to 33% by weight of chromium, 8 to 12% by weight of molybdenum, 0 to 4% by weight of tungsten, up to 1.5% by weight iron, up to 12% by weight of cobalt, up to 0.15% by weight of carbon, up to 1.5% by weight of aluminium, up to 1.5% by weight of titanium, up to 2% by weight of columbium, and the balance nickel.



European Patent
Office

EUROPEAN SEARCH REPORT

0091308 Application number

EP 83 30 1891

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)
X	GB-A- 730 801 (ROLLS-ROYCE LTD.) * Claims 1-3 *	1	C 22 C 19/05
X	FR-A-1 584 027 (INTERNATIONAL NICKEL LTD.) * Abstract, points A1,2,3,7 *	1	
X	GB-A-1 576 183 (TOKYO SHIBAURA ELECTRIC CO. LTD.) * Claims 1,6 *	1	
X	FR-A-2 255 387 (BALDWIN) * Claim 1 *	1	
Y	FR-A-2 020 071 (INTERNATIONAL NICKEL LTD.) * Claims 1,5 *	1, 4	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
Y	US-A-3 008 822 (BOYD et al.) * Claim 1 *	1	C 22 C
A	US-A-2 681 276 (BLALOCK) * Claim 1 *	1	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 09-05-1984	Examiner LIPPENS M.H.
CATEGORY OF CITED DOCUMENTS 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 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			