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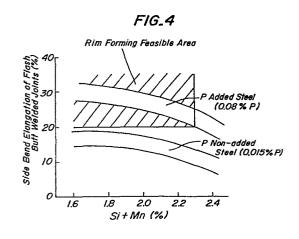
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 HASELTINE LAKE & CO Hazlitt House 28 Southampton
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- (54) A high strength hot rolled steel sheet having excellent flash butt weldability.
- (57) A high strength hot rolled steel sheet having excellent flash butt weldability consisting of 0.04-0.15% of C, 0.5-2.3% of Mn, at most 0.5% of Si and 0.5-2.3% of Mn+Si, 0.05-0.15% of P, 0.005-0.100% of Aℓ and the remainder being Fe and incidental impurities and S content being reduced to at most 0.010%. The properties of such a steel sheet are improved by adding at least one of Ti, Nb and V or at least one of Ca and REM, or a combination of at least one of Ti, Nb and V with at least one of Ca and REM in the defined amounts.





EUROPEAN SEARCH REPORT

Application number

EP 82 30 1325

	DOCUMENTS CONS	IDERED TO BE	RELEVANT			
Category	Citation of document with of releva	h indication, where appr ant passages	opriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)	
Y	FR-A-2 259 909 K.K.) * Claims 1,2 *	(NIPPON KO	KAN	1	C 22 C 38/0 C 22 C 38/0	
Y	US-A-3 827 924 * Claims 1,2 *	 (TAKECHI e	t al.)	1		
A	FR-A-1 381 221 * Abstract Ia,b;		STEEL)	1		
A	FR-A-1 524 958 * Abstract I 1,2		STEEL)	1		
A	US-A-3 193 417 * Claims 1-4 *	(KOPCHAK)		1		
			•		TECHNICAL FIELDS SEARCHED (Int. Cl. 3)	
					C 22 C 38/0 C 21 D 8/0	
	The present search report has t				Evamino	
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Y: pa	CATEGORY OF CITED DOCL articularly relevant if taken alone articularly relevant if combined w occument of the same category ichnological background on-written disclosure termediate document		E: earlier pate after the fili D: document (L: document (nt document ng date cited in the ap cited for othe	rlying the invention but published on, or oplication r reasons ent family, corresponding	