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54 A method of hardening steel.

an austenitic state cooled through, or held at, that temperature range in which the transformation of the steel to ferrite, pearlite or bainite occurs the most rapidly, and in which after the transformation has taken place to a sufficient degree, rapid heating to hardening temperature is performed with a brief holding time at that temperature before the steel is hardened in the conventional manner in a suitable hardening medium.



EUROPEAN SEARCH REPORT

Application Number

ΕP 86 85 0388

Category	Citation of document with in of relevant pas		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
Х	DE-A-2 324 750 (THI * Claim 1; pages 1-2	TORRINGTON CO.)	1	C 21 D 1/19
X	PATENT ABSTRACTS OF 259 (C-195)[1404], & JP-A-58 141 331 (I K.K.) 22-08-1983 * Abstract *	18th November 1983;	1	
X	PATENT ABSTRACTS OF 259 (C-195)[1404], & JP-A-58 141 333 (K.K.) 22-08-1983 * Abstract *	18th November 1983;	1	
Α	US-A-3 337 376 (R.	A. GRANGE)		
A	GB-A-1 039 354 (YA	WATA IRON & STEEL)		
				TECHNICAL FIELDS SEARCHED (Int. Cl.4)
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	The present search report has l	een drawn up for all claims		
TH	Place of search IE HAGUE	Date of completion of the se 09-12-1988		Examiner LET G.H.J.

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 A: technological background
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 P: intermediate document

D: document cited in the application
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