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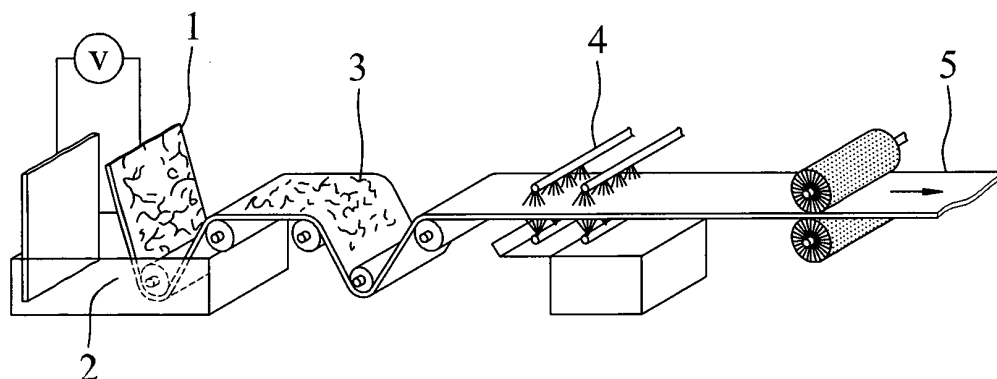
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(54) **Method for removing rust from a rusted steel**

(57) A method for removing rust from a rusted steel includes: (a) subjecting the rusted steel to an electrolytic treatment in an electrolytic bath of an alkaline electrolyte solution that contains tartrate, the tartrate in the alkaline electrolyte solution having a molar concentration equal to or greater than 0.4M, the rusted steel serving as an

anode in the electrolytic bath, the electrolytic treatment being conducted by applying a current with a current density equal to or greater than 10 A/dm<sup>2</sup> across the electrolytic bath; and (b) applying a mechanical force to the rusted steel after step (a) so as to remove rust from the rusted steel.



**FIG.1**



## EUROPEAN SEARCH REPORT

Application Number  
EP 13 00 5062

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Y	* column 6, lines 58-60; claim 1 *	15	
A	* column 10, lines 15-17 * -----	9-14	
Y	DATABASE WPI Week 201205 Thomson Scientific, London, GB; AN 2011-K33492 XP002760926, & CN 102 127 798 A (UNIV YANSHAN) 20 July 2011 (2011-07-20) * abstract *	15	
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
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Place of search		Date of completion of the search	Examiner
Munich		19 August 2016	Hammerstein, G
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			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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EP 13 00 5062

5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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