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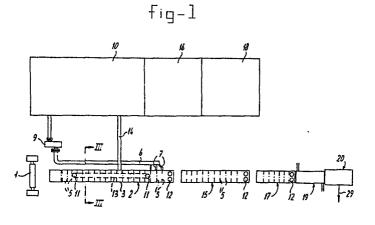
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(54) A method and a device for pretreating non-ferrous metal for plastic deformation.

(57) The invention relates to the pretreatment of ductile non-ferrous metal to be deformed in a continuous plastic deforming device (20) in which the surface parts of the metal to be deformed do not substantially form surface parts of the metal after said deformation.

The invention proposes to spray the metal with a deoxidation and cleaning agent in one throughgoing operation directly while it is moving to the deforming device (20) and continuously and synchronously therewith. Spraying is done by directing forceful jets of the liquid onto the moving metal surface. The spraying agent is a strong alkali and for some types of alloys there is a further spraying step using an acid such as a strong nitric acid solution in water. The metal is thereupon, while moving on to the deforming device, rinsed with water and dried.



EUROPEAN SEARCH REPORT



EP 82 20 1121

Category	DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document with indication, where appropriate, of relevant passages Relevant to claim			CLASSIFICATION OF THE APPLICATION (int. Cl. 3)
A	US-A-3 525 243	(M.H. CHRABLOW) ure 1; column 2,	1	B 21 C 43/00 C 23 G 1/00 C 23 G 3/00
Α	GB-A- 878 887 * Claims; fig lines 30-47 *	 (H. KENMORE) ure 2A; page 2,	1-3	
A	US-A-4 185 484	 (F.B. ABRAMSEN)		
A	GB-A-2 026 544 ELECTRIC)	 (SUMITOMO		
A	US-A-3 093 897	 (J.R. LEMYRE)		TECHNICAL FIELDS
A	GB-A-1 415 474	 (LASALLE STEEL)		SEARCHED (Int. Cl. 3)
A	DE-A-2 201 002 (STEULER-INDUST	 RIEWERKE)		C 23 G 1/00 C 23 G 3/00 C 23 G 3/02 B 21 C 43/00 B 21 B 45/00
A	US-A-3 218 658	(V.W. COLLINS)		B 21 B 45/00
				
	The present search report has t	neen drawn un for all claime		
Place of search THE HAGUE		Date of completion of the search 27-06-1983	TORFS	Examiner F.M.G.
Y: pa do A: ted O: no	CATEGORY OF CITED DOCK rticularly relevant if taken alone rticularly relevant if combined we cument of the same category chnological background n-written disclosure ermediate document	vith another D: document of L: document of L:	rinciple underlent document, ing date cited in the applicated for other	lying the invention