(1) Publication number:

0 101 224

(12)

EUROPEAN PATENT APPLICATION

Application number: 83304367.2

(f) Int. Ci.4: **B 05 B 1/26,** B 21 B 45/02

Date of filing: 28.07.83

30 Priority: 10.08.82 JP 137968/82 16.12.82 JP 219189/82 Ø Applicant: KAWASAKI STEEL CORPORATION, 1-28, Kitahonmachi-Dori 1-Chome, Chuo-ku Kobe City (JP)

Date of publication of application: 22.02.84 **Bulletin 84/8**

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Ø Designated Contracting States: DE FR GB SE

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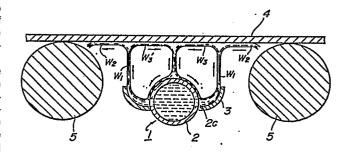
Date of deferred publication of search report: 22.05.85 Bulletin 85/21

Mater jet nozzle assembly.

(1) A water jet nozzle assembly (1) comprises a hollow cylindrical header (2) being supplied with cooling water under pressure and formed in both its sides with a series of apertures (2C), and two elongated curved plates (3) having a substantially quadrantal cross-section secured to the header (2) with one of the longitudinal sides of each of the plates adjacent to the lower edges of the apertures (2C) formed in the header (2) and with the other of the longitudinal sides of the plates (3) extending upwardly.

In an other aspect of the invention, a water jet nozzle assembly (II) comprises a U-shaped trough-like header (15) an elongated curved plate (12) having a substantially semicircular cross-section with in its bottom a plurality of apertures (12a) of substantially equal intervals, the plate (12) being arranged on the trough-like header (15) so as to close an upper open side of the through (15), with the longitudinal sides of the curved plate (12) extending upwardly, and converter plates (13) arranged above and spaced apart from the respective apertures (12a) formed in the curved plate (12) to turn water jets from the apertures into a substantially horizontal direction.

The water jet nozzle assembly according to the invention is able to effectively cool undersides of materials such as steel plates or strips.





EUROPEAN SEARCH REPORT

EP 83 30 4367

	DOCUMENTS CONS	SIDERED TO BE RELEV	ANT	
Category		th indication, where appropriate, vant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Х	FR-A-2 323 452 * Page 2, line : 25; figures 1,2	(FIVES-CAIL BABCO ll - page 3, line	CK) 1	B 05 B 1/26 B 21 B 45/02
Y	23, 1194165 1,2		1-4	
Y	US-A-1 867 878 * pages 1,2; fig		1-4	
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	line 27; figures	3 1,5		TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
A	FR-A-2 005 744 6 * Page 7, line 3 20; figure 5 *	(KAISER ALU.) 34 - page 8, line	4,6	B 05 B B 21 B A 01 G
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	The present search report has b	een drawn up for all claims		
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Y: par doo A: tec	CATEGORY OF CITED DOCL ticularly relevant if taken alone ticularly relevant if combined w tument of the same category hnological background	E : earlier after th ith another D : docum L : docum	patent document ne filing date nent cited in the ap nent cited for othe	
O: non-written disclosure &: P: intermediate document			: member of the same patent family, corresponding document	