



Europäisches Patentamt

⑯

European Patent Office

Office européen des brevets

⑯ Publication number:

0 148 775  
A3

⑯

## EUROPEAN PATENT APPLICATION

⑯ Application number: 85300123.8

⑯ Int. Cl. 4: B 24 C 5/06

⑯ Date of filing: 08.01.85

⑯ Priority: 11.01.84 GB 8400627

⑯ Applicant: TILGHMAN WHEELABRATOR LIMITED, P.O. Box 60 Broadheath, Altrincham Cheshire, WA14 5EP (GB)

⑯ Date of publication of application: 17.07.85  
Bulletin 85/29

⑯ Inventor: Macmillan, William Robertson, 3 Rowan Tree Drive, Brookland Sale Cheshire (GB)

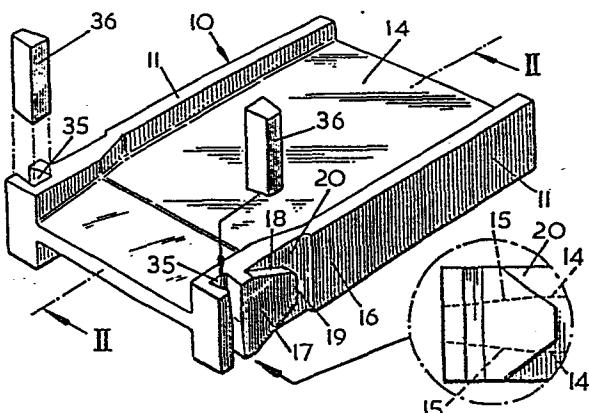
⑯ Designated Contracting States: AT BE CH DE FR IT LI LU NL SE

⑯ Representative: Massey, Alexander et al, MARKS & CLERK Suite 301 Sunlight House Quay Street, Manchester, M3 3JY (GB)

⑯ Date of deferred publication of search report: 28.05.86 Bulletin 86/22

⑯ Centrifugal abrasive throwing wheels.

⑯ A blade (10) for a shot blasting throwing wheel comprising a pair of parallel side plates (12) having radial slots or grooves within which the lateral edges (11) of a blade are engaged for location purposes has provided at each lateral edge a compressible sealing strip (36) which stands proud of the back, front and side faces of each of said lateral edges such that, when the blade is fitted between the side plates, the sealing strip fills the slots or grooves (35) within its side edge are engaged to provide a barrier to the flow of abrasive and/or contaminants along the slots or grooves to the rims of the side plates thereby reducing wear of the latter. Secondarily the sealing strips serve, during assembly, temporarily to retain the blades between the side plates until they are mechanically secured against radial dislodgement.



EP 0 148 775 A3



European Patent  
Office

## EUROPEAN SEARCH REPORT

0148775

**Application number**

EP 85 30 0123

## **DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
			B 24 C 5/06
A	US-A-3 444 651 (GEISSELER) * Figure 5 *	1	
A	US-A-3 936 979 (FUERST) * Abstract *	1	
-----			
TECHNICAL FIELDS SEARCHED (Int. Cl.4)			
B 24 C			
The present search report has been drawn up for all claims			
Place of search THE HAGUE	Date of completion of the search 14-02-1986	Examiner ESCHBACH D.P.M.	
CATEGORY OF CITED DOCUMENTS		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	
X : particularly relevant if taken alone	T : theory or principle underlying the invention		
Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date		
A : technological background	D : document cited in the application		
O : non-written disclosure	L : document cited for other reasons		
P : intermediate document	& : member of the same patent family, corresponding document		

The present search report has been drawn up for all claims

Place of search  
**THE HAGUE**

Date of completion of the search  
14-02-1986

Examiner  
ESCHBACH D.P.M.

**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