



(11) Publication number : **0 498 627 A3**

(12)

EUROPEAN PATENT APPLICATION

(21) Application number : **92300953.4**

(51) Int. Cl.⁵ : **E21D 9/06**

(22) Date of filing : **04.02.92**

(30) Priority : **04.02.91 GB 9102357**

(43) Date of publication of application :
12.08.92 Bulletin 92/33

(84) Designated Contracting States :
BE DE DK ES FR GB IT NL

(88) Date of deferred publication of search report :
10.02.93 Bulletin 93/06

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(54) **Seal between linearly and angularly moveable parts, in particular for tails of shield tunneling machines.**

(57) A seal for sealing between two relatively moveable parts may be linearly and angularly moveable, in particular for tails of shield tunneling machines. The seal is characterized by at least two confronting rows (1,2) of sealing elements (A) with adjacent elements at each row positioned to overlap each other and with the elements of any two confronting rows located to overlap in opposite directions.

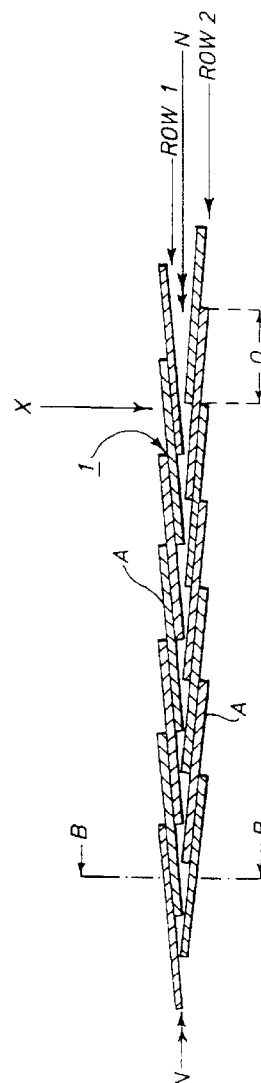


Fig. 1.



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 92 30 0953

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.5)
A	FR-A-2 608 714 (FIVES-CAIL BABCOCK) * claims; figures *	1, 2, 4, 5	E21D9/06
A	--- PATENT ABSTRACTS OF JAPAN vol. 14, no. 132 (M-948)(4075) 13 March 1990 & JP-A-13 22 095 (KAZUO ISHIKAWA) 27 December 1989 * abstract *	1, 2, 4, 5	
A D	--- DE-A-2 623 223 (TEKKEN KENSETU CO. LTD.) & GB-A-1 545 930 -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			E21D F16J
Place of search THE HAGUE		Date of completion of the search 09 DECEMBER 1992	Examiner RAMPELMANN J.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

EPO FORM 1503 (03.82 (P0401))