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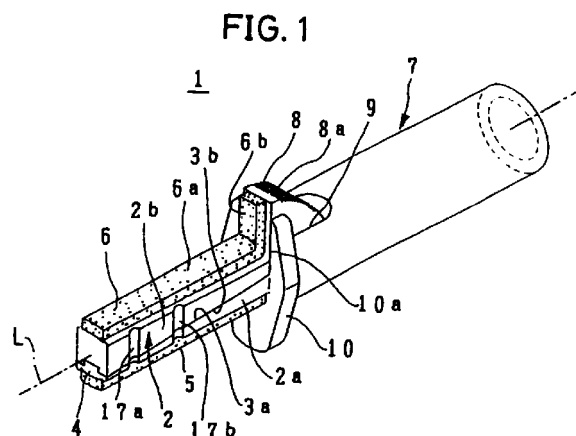
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(54) **Cleaner for cylindrical bores**

(57) Disclosed is a parallel bore cleaner which can quickly clean the inner cylindrical surface of a bore, improving the rate of cleaning work. The cleaner (1) includes a body (2) in the form of a bar which is uniform in cross section. The body is divided into a first bar half (2a) and a second bar half (2b) along a generally longitudinal section inclined with respect to the axis of the body so that each bar half has an inclined surface. The body includes a means (4) engaging the inclined surfaces (3a,3b) of the bar halves in slidable contact with each other. Each of the bar halves is fitted with a scraper (5,6) on its outer surface. The second bar half includes a slide head (8) formed on its rear end. By operating the head so as to slide the second bar half relatively to the first half in the direction toward the thicker side of the second half, it is possible to reduce the diameter of the body so as to insert the body easily into a bore.



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EUROPEAN SEARCH REPORT

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EP 97 10 9205

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.6)
A	US 5 295 278 A (CONDON) 22 March 1994 * abstract; figures 3,4 *	1	B08B1/00 B08B9/00
A	US 4 133 069 A (SUNSHINE) 9 January 1979 * abstract; figures *	1	
A	US 2 922 174 A (MATHEWS) 26 January 1960 * figures *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B08B B24B B24D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26 April 1999	Examiner Leitner, J
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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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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US 4133069	A	09-01-1979	NONE	
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