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F 04 D 29/42

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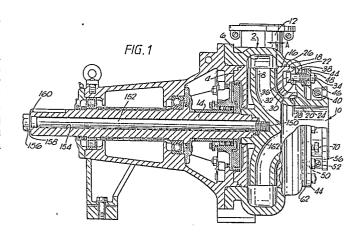
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(54) A pump.

(a) A centrifugal slurry pump has a volute casing (2) and a back wear plate (4) defining a pumping chamber (6) in which an impeller (8) is rotatably arranged. The front running clearance (A) is defined between the front surface of the impeller (8) and a facing surface of an adjustable wear plate (16). The wear plate (16) is substantially annular and has inner and outer axially extending cylindrical surfaces (18, 20) arranged to slide along corresponding surfaces (22, 24) defining a recess within the casing in which the wear plate is housed. This linear sliding movement of the wear plate (16) enables the front running clearance (A) to be adjusted. The wear plate (16) is secured to a retaining ring (44, 124) which is in turn secured to the casing (2) whereby rotation of the wear plate (16) is prevented.



## **EUROPEAN SEARCH REPORT**

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	* Figure 1 * (Cat. L: considered to be comprised) in the document cited directly above)		1-4,6,	-
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Place of search The Hague		Date of completion of the search 12-07-1988		Examiner WALVOORT
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