

Title (en)
A pump.

Title (de)
Pumpe.

Title (fr)
Pompe.

Publication
EP 0292113 A2 19881123 (EN)

Application
EP 88303427 A 19880415

Priority
• GB 8709199 A 19870416
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Abstract (en)
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.

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F04D 29/16; F04D 29/42

IPC 8 full level
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CPC (source: EP)
F04D 29/167 (2013.01); **F04D 29/4286** (2013.01); **F04D 29/622** (2013.01)

Cited by
US6599086B2; EP1285168A4; AU2005200591B2; EP1566548A3; US7476075B2; US6887034B2

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