

Title (en)
IMPROVED LIQUID RING PUMP

Title (de)
VERBESSERTE FLÜSSIGKEITSRINGPUMPE

Title (fr)
POMPE À ANNEAU LIQUIDE AMÉLIORÉE

Publication
EP 3458718 B1 20240501 (EN)

Application
EP 17723493 A 20170508

Priority
• GB 201608622 A 20160517
• GB 2017051271 W 20170508

Abstract (en)
[origin: GB2550365A] A pump component at least partially coated with a coating contain at least one alkoxysilane. The coating on the pump component in use, may be in contact with a work fluid. The component may be that of a liquid ring pump component, rotary vane pump component or screw pump component. The pump component may also be at least one of a rotor component, stator component and a rotor shaft component. The use of alkoxysilane is used to reduce friction and therefore reduced power consumed during operation of a wet pump.

IPC 8 full level
F04C 27/02 (2006.01)

CPC (source: EP GB RU US)
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