

Title (en)
Improvements in and relating to slurry pumps

Title (de)
Verbesserungen an und im Zusammenhang mit Schlammumpen

Title (fr)
Améliorations apportées et relatives à des pompes de boue

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EP 2799715 A1 20141105 (EN)

Application
EP 14166691 A 20140430

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Abstract (en)
The invention relates to a slurry pump (100) comprising a cutting means mounted on the slurry pump, the cutting means being adapted to shear elongate material included in the slurry. The cutting means comprises at least two co-operating blades (51, 52, 68). Conveniently, the co-operating blades comprise a moveable blade member (48) and an associated fixed blade member (68). The slurry pump of the invention has the advantage that it is configured to shear elongate material included in the slurry and hence prevent the elongate material from becoming entangled in the slurry pump. In particular, the cutting means (51, 52, 71) is configured to prevent elongate material from entering into the impeller housing (90) of the slurry pump where it could become entangled in the impeller mechanism and prevent operation of the slurry pump.

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Citation (search report)

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