

Title (en)
Moineau pump

Title (de)
Exzentrerschneckenpumpe

Title (fr)
Pompe Moineau

Publication
EP 0764783 B1 20010228 (DE)

Application
EP 96113275 A 19960820

Priority
DE 19534774 A 19950919

Abstract (en)
[origin: EP0764783A1] The pump rotor (3) is made of rigid material and is driven by an electric motor. To reduce the motor starting current, the lining (5) is prestressed at 5 to 15% against the rotor. The lining surface (8) bearing against the rotor contains a fine structure between protrusions (15), so as to accommodate liquid or pasty ingredients in the medium handled. The protrusions can be formed by rounded bosses, and the structure can resemble flakes nesting together. The protrusions can be in rows one behind the other, those in adjacent rows being offset for half the intervals between them.

IPC 1-7
F04C 2/107

IPC 8 full level
F04C 2/107 (2006.01)

CPC (source: EP)
F04C 2/1075 (2013.01)

Cited by
DE102013102979A1; US9228585B2

Designated contracting state (EPC)
AT BE CH DE ES FR IT LI NL

DOCDB simple family (publication)
EP 0764783 A1 19970326; EP 0764783 B1 20010228; AT E199437 T1 20010315; DE 19534774 A1 19970320; DE 59606491 D1 20010405; ES 2156242 T3 20010616

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