

Title (en)

PRESSURE PUMP FOR FLUIDS HAVING JAWS AND END-SLOTS.

Title (de)

FLUIDDRUCKPUMPE MIT KLAUEN UND GESCHLITZTEN ENDFLÄCHEN.

Title (fr)

POMPE DE PRESSION POSSEDANT DES MACHOIRES ET DES FENTES TERMINALES POUR FLUIDES.

Publication

EP 0110915 A4 19840919 (EN)

Application

EP 83901673 A 19830411

Priority

US 38097782 A 19820524

Abstract (en)

[origin: WO8304285A1] A pressure pump for fluids having a pressure member (12, 12a) of generally circular periphery, means (14, 14a) for moving the pressure member in an orbital motion about an axis of rotation, and a sleeve member (16, 16a) made of a pair of hinged jaws (22, 22a) positionable about the pressure member and spaced for receiving and retaining flexible tubing (18, 18a) in an annular space between the pressure member and the sleeve member with the tubing surrounding the pressure member for pumping of fluids through the tubing. In accordance with this invention the jaws define end surfaces which abut together in the closed position having slots (34, 34a) defined through the end surfaces communicating between the annular space and the outside to receive lengths of the flexible tubing occupying the annular space and extending into and out of the annular space through the slots.

IPC 1-7

F04B 43/12

IPC 8 full level

F04B 43/12 (2006.01)

CPC (source: EP)

F04B 43/1253 (2013.01)

Citation (search report)

No relevant documents have been disclosed.

Designated contracting state (EPC)

BE CH DE FR GB LI NL SE

DOCDB simple family (publication)

WO 8304285 A1 19831208; CA 1199545 A 19860121; EP 0110915 A1 19840620; EP 0110915 A4 19840919

DOCDB simple family (application)

US 8300528 W 19830411; CA 427026 A 19830429; EP 83901673 A 19830411