

Title (en)

Support for an inner seal of a fluid-pressure drive

Title (de)

Halterung für die Innendichtung an einem fluidbetriebenen Schlagwerk

Title (fr)

Fixation pour un joint intérieur pour un mécanisme de percussion actionné par un fluide

Publication

EP 1342539 B1 20091118 (DE)

Application

EP 03000166 A 20030107

Priority

DE 10202648 A 20020123

Abstract (en)

[origin: US2003136586A1] An apparatus having a housing (5) that shields a front of a percussion drive (1) against the environment, and into which a drive driven tool (3) projects. An exchangeable outer seal (10) is disposed at the housing opening (6c) for the tool (3), surrounds the tool transversely to its longitudinal axis (3a) with spacing, and is moveable in this transverse direction. An inner seal (11) is disposed behind the outer seal (10), and rests elastically against the tool (3) outside of its tool guide (2). The inner seal (11) is exchangeably secured to an elastic extension (12) of the tool guide (2) that surrounds the percussive tool (3) in the region of the inner seal (11) with a spacing larger than the largest transverse displacement of the tool (3). The extension (12) is an independent, elastic support that forms a detachable connection with the tool guide (2) at one end.

IPC 8 full level

B25D 17/00 (2006.01); **B25D 17/14** (2006.01)

CPC (source: EP US)

B25D 17/00 (2013.01 - EP US); **B25D 2217/0065** (2013.01 - EP US)

Cited by

CN106545542A; EP1669147A1; US8128101B2; WO2006063649A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

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