

Title (en)

Assembly of an impact tool and a support unit.

Title (de)

Anordnung bestehend aus Schlagaggregat und Trägereinheit.

Title (fr)

Ensemble composé d'un outil de frappe et d'une unité de support.

Publication

**EP 0191336 A1 19860820 (DE)**

Application

**EP 86100968 A 19860124**

Priority

DE 3504871 A 19850213

Abstract (en)

1. An arrangement comprising a carrier unit (3; 103) and an impacting unit (2; 102; 202) which is disposed inside the carrier unit, is connected thereto via resilient damping elements (31; 131; 231, 231a; 331, 331a) and contains a piston (26) adapted to make a traversing movement in a cylinder (25) in the direction of an anvil-like tool (1), characterized by the following features : - the carrier unit (3; 103) has two side cheeks (16; 116) interconnected via pins (20; 44) ; - the arrangement has pairs of shaped elements (20/29; 41/46; 52/56) ; - of each pair one shaped element (20; 41; 56) is associated with the carrier unit (3; 103; 203) and one shaped element (29; 46; 52) is associated with the impacting unit (2; 102; 202) ; - the shaped elements have a section having a central axis lying in a plane aligned perpendicularly to the axis of the impacting unit (2) ; - the shaped elements are in the case of all forces occurring between the impacting unit (2) and the carrier unit (3) maintained at a distance in the direction of the axis of the impacting unit (2) upwards and downwards and, at least in connection with a further pair of shaped elements, in directions aligned transversely of the axis of the impacting unit (2) by resilient material of damping elements (31; 131; 231, 231a; 331, 331a), such damping elements being positively or non-positively connected to the shaped elements.

Abstract (de)

Bei der vorliegenden Anordnung ist das Schlagaggregat (2) zur Begrenzung der Schallemission in der Trägereinheit (3) ausschließlich über elastische Dämpfungselemente (31) geführt, die das Schlagaggregat (2) und die Trägereinheit (3) bei allen beim Betreiben der Anordnung auftretenden axialen und radialen Kräften auf Abstand halten, so daß keine metallische Berührung stattfindet. Die Trägereinheit (3) weist zwei durch Bolzen (20) miteinander verbundene Seitenwangen (16) auf.

IPC 1-7

**E02F 5/30**; **B28D 1/26**; **E21C 37/00**

IPC 8 full level

**B25D 17/00** (2006.01); **B25D 17/24** (2006.01); **B25D 17/28** (2006.01); **B28D 1/26** (2006.01); **E02F 3/36** (2006.01); **E02F 3/96** (2006.01); **E02F 5/30** (2006.01); **E21B 1/38** (2006.01); **E21C 37/00** (2006.01)

CPC (source: EP)

**B25D 17/24** (2013.01); **B28D 1/26** (2013.01); **E02F 3/966** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0191336 A1 19860820**; **EP 0191336 B1 19881228**; **EP 0191336 B2 19950726**; AT E39519 T1 19890115; DE 3504871 A1 19860814; DE 3504871 C2 19940210; JP H0716895 B2 19950301; JP S61188089 A 19860821

DOCDB simple family (application)

**EP 86100968 A 19860124**; AT 86100968 T 19860124; DE 3504871 A 19850213; JP 2809086 A 19860213