

Title (en)

Method of controlling impact force and shock interval in drop hammers.

Title (de)

Verfahren zum Kontrollieren der Schlagkraft und des Stossintervalls bei Fallhämmer.

Title (fr)

Méthode pour contrôler la force d'impact et l'intervalle de choc dans les moutons à chute libre.

Publication

**EP 0117382 A1 19840905 (EN)**

Application

**EP 83850049 A 19830228**

Priority

EP 83850049 A 19830228

Abstract (en)

A drop hammer has a core (10) and a number of casings (12, 14, 16, 19) arranged concentrically around the core (10). Between the core (10) and the casings (12, 14, 16, 19) spacings are arranged, and the core (10) and the casings (12, 14, 16, 19) are interconnected alternately at one end and the other beginning at the upper end (13) of the core (10). Between the lower end of the core (10) and those ends of one or more casings (12, 14, 16, 19) which are not permanently connected, a shock wave transferring connection is provided to short-circuit the path of the shock wave through the core (10) and the casings (12, 14, 16, 19).

IPC 1-7

**E02D 7/08**

IPC 8 full level

**E02D 7/08** (2006.01)

CPC (source: EP)

**E02D 7/08** (2013.01)

Citation (search report)

- [A] DE 2454488 A1 19760520 - KOEHRING GMBH
- [A] DE 2237133 A1 19740214 - CORDES HUGO DIPL ING
- [A] DE 1784396 B1 19710701 - CORDES HUGO DIPL ING

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL

DOCDB simple family (publication)

**EP 0117382 A1 19840905; EP 0117382 B1 19890503; AT E42781 T1 19890515; DE 3379795 D1 19890608**

DOCDB simple family (application)

**EP 83850049 A 19830228; AT 83850049 T 19830228; DE 3379795 T 19830228**