

Title (en)  
A device for hand-held hammer machines.

Title (de)  
Vorrichtung für tragbare Schlagwerkzeuge.

Title (fr)  
Dispositif pour machines à percussion portatives.

Publication  
**EP 0033304 A1 19810805 (EN)**

Application  
**EP 81850005 A 19810112**

Priority  
SE 8000556 A 19800124

Abstract (en)  
A hand-held hammer machine with handles (2) which via arms (13) are connected with an axle (5) rotatably arranged in a housing (1). The axle is provided with actuation means (6) which move one end of one or more springs (11) along a substantially circular arc shaped curve when the axle (5) is turned. The other end of the spring is supported by a cup-shaped support means (12). Turning of the axle (5) thus results in compression of spring (11) and at the same time a shortening of the moment arm (A) of the spring force so that the moment of the spring force about the axle (5) is substantially constant when feed force is applied against the handles (2).

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IPC 8 full level  
**B25D 17/24** (2006.01); **B25D 17/04** (2006.01)

CPC (source: EP)  
**B25D 17/043** (2013.01)

Citation (search report)  
• AT 122752 B 19310511 - ELSTER ERNST ING  
• [A] US 1358486 A 19201109 - WILHELM RUSSELL H

Cited by  
EP0115241A1; EP1800804A3; GB2237528A; EP0194347A1; EP1529603A3; US7322428B2; US7886838B2; US7320369B2; US7987921B2; US7762348B2; EP1800804A2; US8342260B2; US10814468B2; US11633843B2; US12048993B2; EP1529602A2; US7472760B2; US10926393B2; US11059155B2; US11141850B2; US11203105B2; US11759935B2; US11865687B2

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