

Title (en)

PROCESS FOR INTERRUPTING THE OPERATION OF A HAND TOOL, IN PARTICULAR PERCUSSION AND/OR ROTATION THEREOF

Publication

EP 0303651 B1 19930929 (DE)

Application

EP 88901798 A 19880302

Priority

- DE 8800109 W 19880302
- DE 3707051 A 19870305
- DE 3707052 A 19870305

Abstract (en)

[origin: WO8806508A2] In a process for switching off a drill hammer and/or a chisel hammer during idling, a clutch (28) arranged at least in the percussion drive line is automatically released when the idling position is reached. The point at which the tool (24) reaches a position on the idling section is detected and the clutch (28) is automatically released when this position is reached and re-engaged when the tool leaves this position. To this end, an idling sensor (30) releases and re-engages the clutch (28) electromechanically through a control device. Hence, no additional manipulations or clutching-in efforts are required of the operator holding the drill hammer in order to start or stop the tool, which results in short idling periods.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

DE102017213424A1; DE10117123A1; EP2213420A1; US10160049B2; US7055620B2; WO2008107251A1; EP3263288A2; DE102016210759A1; US6843327B2; DE102015221685A1; DE102009000515A1; US8333251B2; DE102016203925A1; US10589413B2; US11192232B2; EP0771619B1

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