

Title (en)

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

Title (de)

VERFAHREN ZUM UNTERBRECHEN DER ANTRIEBSTÄTIGKEIT, INSBESONDERE DER SCHLAG- UND/ODER DREHANTRIEBSTÄTIGKEIT, EINER HANDWERKZEUGMASCHINE

Title (fr)

PROCEDE D'INTERRUPTION DE L'ENTRAINEMENT, EN PARTICULIER EN PERCUSSION ET/OU EN ROTATION, D'UN OUTIL A MAIN

Publication

**EP 0303651 B2 19991201 (DE)**

Application

**EP 88901798 A 19880302**

Priority

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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.

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IPC 8 full level

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CPC (source: EP)

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Cited by

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

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