

Title (en)

Device for improving the deactivation response of an electropneumatic percussive tool

Title (de)

Einrichtung zur Verbesserung des Abschaltverhaltens eines elektropneumatischen Abbaugeräts

Title (fr)

Appareil pour l'amélioration de la réponse en coupure d'un outil électropneumatique à percussion

Publication

**EP 1607187 B1 20100428 (DE)**

Application

**EP 04102799 A 20040618**

Priority

EP 04102799 A 20040618

Abstract (en)

[origin: EP1607187A1] The method involves increasing the pressure between the fly piston (14) and exciter piston (12) when the drill is lifted away from the ground in order to reduce the knock-on effect of the fly piston. Independent claim describes excavating machine such as a drilling hammer which has a valve mechanism (30) which can be activated when the machine is lifted from the substrate so that the pressure in the impact mechanism (10) acting between the fly and exciter piston is increased.

IPC 8 full level

**B25D 11/00** (2006.01); **B25D 17/06** (2006.01)

CPC (source: EP)

**B25D 11/005** (2013.01); **B25D 17/06** (2013.01); **B25D 2217/0019** (2013.01); **B25D 2250/035** (2013.01); **B25D 2250/131** (2013.01); **B25D 2250/145** (2013.01)

Cited by

EP2711137A1; EP4382254A1; EP3181301A1; EP3181299A1; EP3181298A1; EP2500141A1; CN102672681A; EP3181300A1; EP2653270A3; EP4209306A1; US11833652B2; US9010457B2; US10675742B2; WO2023144032A1; WO2017102431A1; WO2017102429A1; WO2017102437A1; WO2017102418A1; US10821590B2; US10821589B2

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