

Title (en)

Excavation machine, in particular surface miner and method for fitting and detaching a transport device for a excavation machine

Title (de)

Abbaumaschine, insbesondere Surface Miner, sowie Verfahren zum Aus- und Einbauen einer Transporteinrichtung bei einer Abbaumaschine

Title (fr)

Engin d'abatage, notamment Surface Miner, ainsi que procédé de démontage et de montage d'un dispositif de transport pour engin d'abatage

Publication

EP 2236745 A3 20131002 (DE)

Application

EP 10157057 A 20100319

Priority

DE 102009013709 A 20090320

Abstract (en)

[origin: EP2236745A2] The machine (1) has a transporting device (12) with a belt suspension device (10) that is pivotably supported on a machine frame (2) around a vertical pivoting axis (8). The transporting device is pivoted around a horizontal pivoting axis (24) that is supported in the suspension device and runs perpendicular to longitudinal direction of the transporting device. The vertical pivoting axis of the suspension device centrally runs via a transfer position (18). The suspension device is jointly pivoted with the transporting device relative to the frame around another horizontal pivoting axis (28). An independent claim is also included for a method for attaching and detaching a transport device to an excavation machine.

IPC 8 full level

E21C 47/00 (2006.01)

CPC (source: EP)

E21C 47/00 (2013.01)

Citation (search report)

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- [A] DE 202007005756 U1 20080828 - WIRTGEN GMBH [DE]
- [A] DE 3509671 A1 19860925 - WIRTGEN REINHARD
- [A] US 6276758 B1 20010821 - HOFFMANN DIETER [DE], et al
- [A] DE 3621420 C1 19871029 - PHB WESERHUETTE AG [DE]
- [A] US 2008121493 A1 20080529 - BJORNSEN BRADFORD E [CA], et al

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CN106337356A; CN104251012A; CN105986822A; EP3115508A1; DE102015212902A1; US10227740B2; DE102014001921A1; US9359728B2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

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DE 102009013709 B4 20110428; DE 102009061034 A1 20110224; DE 102009061034 B4 20140717; EP 2835495 A1 20150211;
EP 2835495 B1 20170802

DOCDB simple family (application)

EP 10157057 A 20100319; DE 102009013709 A 20090320; DE 102009061034 A 20090320; EP 14175635 A 20100319