

Title (en)

Road finisher

Title (de)

Straßenfertiger

Title (fr)

Finisseuse de route

Publication

EP 2256248 B2 20220309 (DE)

Application

EP 09006978 A 20090525

Priority

EP 09006978 A 20090525

Abstract (en)

[origin: EP2256248A1] The paver (F) has a primary driving aggregate (P) with a combustion engine (M) i.e. diesel engine, and functional units with hydraulic pumps, which are driven from a crankshaft of the engine. The functional units include a travel pump aggregate supplying a travel drive (16). A generator (G) supplies electric power to electric heating devices (H) and/or a paving screed (B) of the paver. A permanent drive train is provided between the crankshaft and the generator so that the pump is disconnected by a shiftable clutch from the crankshaft. Independent claims are also included for the following: (1) a method for heating-up heating devices (2) a method for driving a self-propelled paver (3) a method for starting and optionally warming-up a combustion engine of a primary driving aggregate of a paver.

IPC 8 full level

E01C 19/48 (2006.01)

CPC (source: EP US)

E01C 19/48 (2013.01 - EP US)

Citation (opposition)

Opponent :

- DE 2112327 A1 19721012 - DEMAG BAUMASCHINEN GMBH
- DE 20316481 U1 20050317 - VOEGELE AG J [DE]
- DE 3403025 A1 19850515 - AUTOMATEN AG [CH]
- DE 102006061162 A1 20080626 - STILL GMBH [DE]
- Dubbel, Taschenbuch für den Maschinenbau, 20. Auflage, 2001 Firmenschrift "Super 1804 wo Leistung hohe Mobilität bedingt"; Joseph Vögele AG, D-66146 Mannheim "2375/5/5 96 Printed in Germany"

Cited by

DE102014012043A1; EP2295640A3; EP3569764A1; EP2500100A1; US10753051B2; EP3353349B1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 2256248 A1 20101201; EP 2256248 B1 20110112; EP 2256248 B2 20220309; CN 101899808 A 20101201; CN 101899808 B 20120808; DE 502009000291 D1 20110224; JP 2010270588 A 20101202; JP 4977231 B2 20120718; US 2010296866 A1 20101125; US 8356958 B2 20130122

DOCDB simple family (application)

EP 09006978 A 20090525; CN 201010158133 A 20100428; DE 502009000291 T 20090525; JP 2010106227 A 20100506; US 72247810 A 20100311