

Title (en)
Surface treatment machine

Title (de)
Oberflächenbehandlungsmaschine

Title (fr)
Machine de traitement de surface

Publication
EP 2322717 A3 20110629 (EN)

Application
EP 11153412 A 20061222

Previously filed application
06127039 20061222 EP

Priority
EP 06127039 A 20061222

Abstract (en)
[origin: EP1936033A1] Systems and methods for surface treatment machines with a supplemental drive for rotation of a drum rotor (125) generally include a drive train with a drive motor (135) to operate a drum rotor (125) of the surface treatment machine at a first rotational velocity and a service motor (155) integral to a drive pulley (150) that may rotate the drum rotor at a second rotational velocity; the surface treatment machine may include a freewheeling device or be otherwise capable of activating, engaging, or disengaging either the drive motor (135) or the service motor (155), or both, so that power output from only one of the drive motor and the service motor is rotationally driving the drum rotor (125).

IPC 8 full level
E01C 23/088 (2006.01)

CPC (source: EP)
E01C 23/088 (2013.01)

Citation (search report)

- [XDAI] US 2004021364 A1 20040205 - BUSLEY PETER [DE], et al
- [A] US 4325580 A 19820420 - SWISHER JR GEORGE W, et al
- [A] DE 102005028091 A1 20061221 - ABG ALLG BAUMASCHINEN GMBH [DE]
- [A] WO 2005005119 A1 20050120 - WIRTGEN GMBH [DE], et al

Cited by
WO2015186852A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1936033 A1 20080625; EP 1936033 B1 20120215; AT E545736 T1 20120315; EP 2322717 A2 20110518; EP 2322717 A3 20110629; EP 2322718 A2 20110518; EP 2322718 A3 20110803; EP 2322718 B1 20150909; ES 2379282 T3 20120424

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