

Title (en)
Surface treatment machine

Title (de)
Oberflächenbehandlungsmaschine

Title (fr)
Machine de traitement de surface

Publication
EP 2322718 A3 20110803 (EN)

Application
EP 11153420 A 20061222

Previously filed application
06127039 20061222 EP

Priority
• EP 11153420 A 20061222
• 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)
• [A] US 4325580 A 19820420 - SWISHER JR GEORGE W, et al
• [AD] US 2004021364 A1 20040205 - BUSLEY PETER [DE], et al
• [A] DE 102005028091 A1 20061221 - ABG ALLG BAUMASCHINEN GMBH [DE]
• [A] WO 2005005119 A1 20050120 - WIRTGEN GMBH [DE], et al

Cited by
CN105074091A; WO2014130266A1; US8905488B2; US9016800B2

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

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EP 06127039 A 20061222; AT 06127039 T 20061222; EP 11153412 A 20061222; EP 11153420 A 20061222; ES 06127039 T 20061222