



(11) **EP 2 322 718 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
03.08.2011 Bulletin 2011/31

(51) Int Cl.:
E01C 23/088^(2006.01)

(43) Date of publication A2:
18.05.2011 Bulletin 2011/20

(21) Application number: **11153420.2**

(22) Date of filing: **22.12.2006**

(84) Designated Contracting States:
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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(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:
06127039.3 / 1 936 033

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(27) Previously filed application:
22.12.2006 EP 06127039

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(54) **Surface treatment machine**

(57) Systems and methods for surface treatment machines with a supplemental drive for rotation of a drum rotor generally include a drive train with a drive motor to operate a drum rotor of the surface treatment machine at a first rotational velocity and a service motor integral to a drive pulley 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 or the service motor, or both, so that power output from only one of the drive motor and the service motor is rotationally driving the drum rotor.

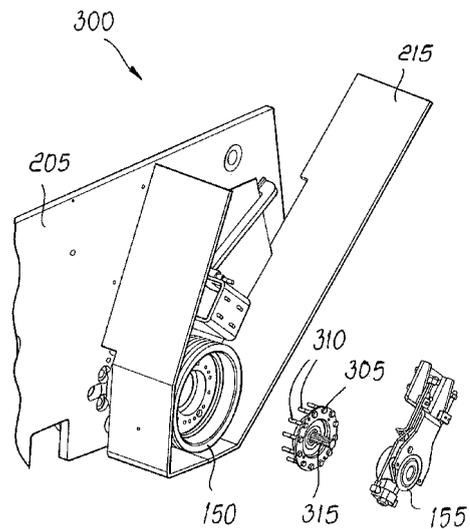


Fig. 3

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EUROPEAN SEARCH REPORT

Application Number
EP 11 15 3420

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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC) E01C
Place of search The Hague		Date of completion of the search 27 June 2011	Examiner Gallego, Adoración
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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