

Title (en)

An apparatus for abrasively cleaning and descaling the surface of elongated objects

Title (de)

Vorrichtung zum Reinigen und Entkrusten der Aussenfläche von länglichen Werkstücken

Title (fr)

Appareil pour le nettoyage et le détartrage de la surface extérieure de pièces longues

Publication

EP 1440766 B1 20080305 (EN)

Application

EP 03425023 A 20030121

Priority

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Abstract (en)

[origin: EP1440766A1] An apparatus (10) for cleaning and descaling an elongate member (125), comprising an orbital drive housing (12), a drive roller (13) and an adjustable roller (14) both mounted apart from one another in parallel on said orbital drive housing (12), a support member (29) for supporting said elongate member passing through it, an abrasive belt (17) mounted on said rollers (13,14) and in contact with said elongate member (125). A motor (18) rotates said orbital drive housing (12), and a drive rotates said drive roller (13) as the orbital drive housing (12) is rotated about said elongate member (125). The apparatus comprises a belt release system and a tensioning assembly associated with said adjustable roller (14) to provide the pre-tension of the belt. The adjustable roller (14) is mounted free to move outward from the centre of rotation of the orbital drive housing (12) beyond the pre-tension setting. <IMAGE>

IPC 8 full level

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CPC (source: EP)

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Cited by

US11009105B2; IT201700035270A1; CN111615329A; CN110405589A; CN114227473A; US11578787B2; WO2019123032A1

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