

Title (en)

A tool and a system for cleaning the interior of containers and a method thereof

Title (de)

Werkzeug und System zur Reinigung des Inneren von Behältern und Verfahren dafür

Title (fr)

Outil et système permettant de nettoyer l'intérieur de récipients et procédé associé

Publication

EP 2893984 A1 20150715 (EN)

Application

EP 14195779 A 20141202

Priority

SE 1450012 A 20140109

Abstract (en)

The present invention relates to a tool for cleaning the interior of containers comprising an arm assembly including an inner arm section (1) having a first and a second end, and an outer arm section (2) rotatably connected to the second end of the inner arm section, a fluid nozzle (3) mounted on the outer arm section, and a drive unit including an actuator (4) for rotating the outer arm section with respect to the inner arm section, wherein the actuator is disposed at the first end of the inner arm section. The arm assembly comprises a wrist portion (6) for rotatably connecting the outer arm section to the inner arm section, and the wrist portion comprises a rotatable wheel (8a) operatively connected to the outer arm section, and the drive unit comprises a transmission device (9) extending between the actuator (4) and the wheel (8a). The wrist portion comprises a shaft (10) operatively connected to the wheel and a fork element (12) fixedly connected to the second end of the inner arm section and having two legs (12a-b) rotatably connected to the shaft and disposed on opposite sides of the wheel, and the outer arm section comprises two bars (14a-b) fixedly connected to said shaft and disposed on opposite sides of the wheel, and the width of the wrist portion is less than 0.13 m.

IPC 8 full level

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CPC (source: EP US)

B05B 13/0431 (2013.01 - EP); **B05B 13/0636** (2013.01 - EP US); **B05B 15/60** (2018.01 - EP US); **B08B 9/093** (2013.01 - EP)

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