

Title (en)
Barrel-scouring device

Title (de)
Vorrichtung zum Scheuern von Fässern

Title (fr)
Dispositif pour le récurage de fûts

Publication
EP 1531010 A1 20050518 (EN)

Application
EP 03425730 A 20031112

Priority
EP 03425730 A 20031112

Abstract (en)
A device for internally scouring a barrel having a bung-hole (C) in a wall comprises an elongated support (14, 52, 54) for arrangement in a stationary position with respect to the barrel, with an end portion (52, 54) inserted into the barrel through the bung-hole (C), and a boom (56) having an end pivoted to said end portion (52, 54) about an axis (P) lying transversely to the elongated support, and a free operating end. A flexible tube (58) has a delivery end (58b) attached to the operating end of said boom (56) and an inlet end (58a) connected to liquid supply means through a union pipe (64) and is integral with a slide (58, 74) that is slidably supported in a longitudinal direction in said elongated support (14, 52, 54) under control of displacement driving means (44, 66, 70) to transmit to the boom (56) a rotary motion about said transversal axis (P) via the flexible tube (58). Constraint means (80, 82) guide the flexible tube (58) to bend in dependence from the axial motion of said slide (74) to cause the boom (56) to become inclined. <IMAGE>

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B05B 15/06; B08B 9/093; B08B 9/08

IPC 8 full level
B05B 15/06 (2006.01); **B05B 15/652** (2018.01); **B05B 15/656** (2018.01); **B08B 9/08** (2006.01); **B08B 9/093** (2006.01)

CPC (source: EP)
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Citation (applicant)
• DE 1607362 A1 19700709 - CASOTTI ETTORE BELLENA DI FONT
• US 6021793 A 20000208 - MOULDER JEFFREY ERNEST [US]

Citation (search report)
• [X] DE 1607362 A1 19700709 - CASOTTI ETTORE BELLENA DI FONT
• [A] US 6021793 A 20000208 - MOULDER JEFFREY ERNEST [US]
• [A] EP 1029599 A1 20000823 - SANKYO RYOKKA COMPANY LIMITED [JP]

Cited by
EP2008723A1; CN102284458A; CN106890832A; EP1813357A3; EP2303476A4; US8932413B2; WO2024132060A1

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DE ES FR IT

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