

Title (en)
FITTING CLAMPING DEVICE FOR PRESSURE VESSEL

Title (de)
MONTAGEKLEMMVORRICHTUNG FÜR EINEN DRUCKBEHÄLTER

Title (fr)
DISPOSITIF DE RACCORD DE SERRAGE POUR RECIPIENT SOUS PRESSION

Publication
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Application
EP 98928523 A 19980617

Priority
• JP 9802670 W 19980617
• JP 15936297 A 19970617

Abstract (en)
[origin: WO9857882A1] A fitting clamping device for pressure vessels, in which a fitting mounted on a mouthpiece (3) on a pressure vessel (2) such as a beer barrel is clamped, comprising a clamping torque generating device (25). Wherein swing bases (58, 59) are fixedly mounted on a base (32) which can be vertically moved toward and away from the pressure vessel (2) by a lift driving source (31) supported by a lift frame (23) so as to be capable of swinging back and forth and right and left, and a rotation drive source (33) is loaded on the swing base (58), while a clamp output shaft (54) of the rotation drive source (33) is extended downward to detachably couple thereto a clamping head (30) so that a skirt portion (73) having a tapered surface (74) brings thereinto the mouthpiece (3) to permit a wrench portion (72) thereof to engage with a ratchet of the fitting mounted on the mouthpiece (3). Accordingly, even when the axis of the clamping head is not aligned with the axis of the mouthpiece on a beer barrel, the clamping head accommodates inclination therebetween to thereby enable clamping of the fitting.

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CPC (source: EP)
B67B 1/06 (2013.01); **B67B 7/42** (2013.01)

Citation (search report)
• [Y] DE 3529773 A1 19870305 - HEYNG SIEGFRIED [DE]
• [X] GB 2259507 A 19930317 - C M MICRODAT LTD [GB]
• [X] US 4804024 A 19890214 - ARNEMANN GERHARD [DE]
• [A] US 4979350 A 19901225 - ARNEMANN GERHARD [DE]
• [XY] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 01 31 January 1996 (1996-01-31)
• See references of WO 9857882A1

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