

Title (en)

A device having a flange lock.

Title (de)

Vorrichtung mit Flansch-Verschluss.

Title (fr)

Dispositif muni d'un verrouillage de bride.

Publication

EP 0615815 A1 19940921 (EN)

Application

EP 94301502 A 19940302

Priority

GB 9304539 A 19930305

Abstract (en)

A device (10) comprises a housing (12), a shaft (18) rotatably mounted in the housing (12), a sleeve (32) around the shaft (18), and a nut (45) for threaded engagement with an end (31) of the shaft (18) to define with the sleeve (32) a flange lock. Drive means (14, 16) rotates the shaft (18). The sleeve (32) is automatically prevented from rotating with the shaft (18) when the drive means (14, 16) is reversed, such that the nut (45) unscrews from the end (31) of the shaft (19) to release the flange lock. The sleeve (32) is automatically prevented from rotating with the shaft (18) by virtue of a ratchet plate (42) fixed to the housing (12). <IMAGE>

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B24B 45/00; **B24B 23/02**

IPC 8 full level

B24B 23/02 (2006.01); **B24B 45/00** (2006.01)

CPC (source: EP)

B24B 23/022 (2013.01); **B24B 45/006** (2013.01)

Citation (search report)

[DA] EP 0235598 A2 19870909 - METABOWERKE KG [DE]

Cited by

DE102014102705A1; DE102014102705B4; CN105869872A; DE10205848A1; DE10205848C2; EP1795304A1; GB2283191A; GB2283191B; US7357702B2; WO9823410A1; WO2007043871A1; US7988538B2; US8388417B2; US10792834B2; US11407142B2; EP2915629A1; DE202014011279U1

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