

Title (en)
HYDRAULIC FASTENER ASSEMBLY

Title (de)
HYDRAULISCHE BEFESTIGUNGSVORRICHTUNG

Title (fr)
ENSEMBLE DE FIXATION HYDRAULIQUE

Publication
EP 1664556 A1 20060607 (EN)

Application
EP 04734866 A 20040526

Priority
• GB 2004002257 W 20040526
• GB 0312206 A 20030528

Abstract (en)
[origin: GB2402188A] A hydraulic fastener assembly includes a stud (1) that includes a screw threaded end portion, a screw member (5) around the stud and a sliding member (6) on an axially inner side of the screw member (5) slidably mounted on the stud (1). The arrangement is such that when in use the hydraulic fluid is passed into the assembly the sliding member (6) is pressed axially inwardly and hydraulic pressure forces on the screw member (5) are substantially balanced axially thereby facilitating screwing of the screw member (5) axially along the stud (1) towards the sliding member (6).

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F16B 31/04; **B23P 19/06**

IPC 8 full level
B23P 19/06 (2006.01); **F16B 1/00** (2006.01); **F16B 31/04** (2006.01)

CPC (source: EP GB)
B23P 19/067 (2013.01 - EP); **B25B 29/02** (2013.01 - GB); **F16B 31/043** (2013.01 - EP); **F16B 2200/89** (2023.08 - EP)

Citation (search report)
See references of WO 2004106756A1

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