

Title (en)

Apparatus for movably mounting a work head on a structure of circular cross-section.

Title (de)

Vorrichtung zum bewegbaren Montieren eines Arbeitskopfes in einer Konstruktion mit kreisförmigem Querschnitt.

Title (fr)

Dispositif pour le montage mobile d'une tête de travail sur une structure à section circulaire.

Publication

**EP 0214841 A2 19870318 (EN)**

Application

**EP 86306825 A 19860903**

Priority

GB 8521896 A 19850903

Abstract (en)

An apparatus for movably mounting a work head (II,I2) on a structure of circular cross-section. The apparatus comprises an annulus defined by two or more members (I,2,3) which are engagable co-operably and movable between an open position which allows the annulus to be fitted onto the structure and a closed position in which the annulus surrounds the structure. The apparatus is located on the structure by locating means (6) comprising three or more support legs (6) mounted on the annulus at spaced circumferential locations. At least some of its legs (6) are movable in a radial direction relative to the annulus by actuating means to locate the annulus on the structure. Each supporting leg (6) is provided with drive means (8) which are controllable independently for moving the annulus along the structure in a plane normal to the axial centre line of the structure. The work head (II,I2) is mounted on the annulus for circumferential movement with respect to the structure.

IPC 1-7

**B08B 9/02**

IPC 8 full level

**B08B 9/02** (2006.01); **B08B 9/023** (2006.01)

CPC (source: EP)

**B08B 9/023** (2013.01); **E02B 17/0034** (2013.01)

Cited by

CN114749436A; US5398461A; US5265634A; US5209245A; US5191740A; US5178171A; US5074323A; US5092357A; US5385609A; ES2370897A1; AU621050B2; GB2533092A; US5052423A; EP0343878A3; CN113369186A; US5743969A; US5615696A; US5226973A; US8007595B2; AU2009219036B2; CN112222032A; US7331846B1; US2009217954A1; EP1754573A1; US8105442B2; AU2009219035B2; EP2679988A1; CN110924300A; WO2009105898A1; WO2010105003A3

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

**EP 0214841 A2 19870318**; **EP 0214841 A3 19871111**; **EP 0214841 B1 19900613**; AU 589994 B2 19891026; AU 6218586 A 19870305; DE 3671849 D1 19900719; GB 8521896 D0 19851009

DOCDB simple family (application)

**EP 86306825 A 19860903**; AU 6218586 A 19860903; DE 3671849 T 19860903; GB 8521896 A 19850903