

Title (en)  
Dual tool spider for pipes.

Title (de)  
Doppelrohrstrangkeiltopf.

Title (fr)  
Collier-support pour tuyaux.

Publication  
**EP 0201283 A1 19861112 (EN)**

Application  
**EP 86303312 A 19860501**

Priority  
GB 8511967 A 19850510

Abstract (en)  
A dual string spider is described which consists of generally hemispherical first and second body portions (2,3) respectively, each defining respective dual receiving apertures (5,6) passing therethrough. The portions (2,3) are hingedly connected at a vertical hinge (4) at one side and at the other side a piston (9) and a cylinder (10) is disposed coupled to respective brackets (7,12) which in turn are coupled to portions (2,3) of the cylinder respectively. The piston is actuatable to separate the centres of the drilling strings to be distanced from each other by a distance sufficient to permit the required tong operation on make up of a pip joint on one strip without engagement of the other adjacent string by the nose of the tong.

IPC 1-7  
**E21B 19/00**

IPC 8 full level  
**E21B 19/00** (2006.01); **E21B 19/10** (2006.01); **E21B 33/047** (2006.01)

CPC (source: EP)  
**E21B 19/10** (2013.01); **E21B 33/047** (2013.01)

Citation (search report)

- US 4373584 A 19830215 - SILBERMAN RAPHAEL J, et al
- DE 2606252 B2 19790301
- GB 1291816 A 19721004 - BYRON JACKSON INC [US]

Cited by  
CN105422024A; CN107013171A

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0201283 A1 19861112; EP 0201283 B1 19880727**; AT E36031 T1 19880815; DE 3660432 D1 19880901; DK 169878 B1 19950320; DK 209086 A 19861111; DK 209086 D0 19860506; GB 8511967 D0 19850619; NO 171573 B 19921221; NO 171573 C 19930331; NO 861854 L 19861111

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