

Title (en)  
Seal head for tube expansion apparatus

Title (de)  
Dichtungskopf für eine Vorrichtung zum Aufweiten eines Rohres

Title (fr)  
Tête de scellage pour un appareil de dilation d'un tube

Publication  
**EP 0564732 B1 19970312 (EN)**

Application  
**EP 92303228 A 19920410**

Priority  
EP 92303228 A 19920410

Abstract (en)  
[origin: EP0740970A2] An apparatus is provided for the filling and pressurisation of a tube (20) with fluid the apparatus having a high pressure connection including a shaft (1), and sealing means (11) for sealing the tube (20) when the shaft (1) is advanced into engagement with the tube (20), the shaft (1) being formed by a rod (2), a sleeve (3) located outwards of the rod (2), a rod ring (9) being connected at a forward end of the rod (2) and a sleeve ring (10) being connected at a forward end of the sleeve (3), an elastomeric sealing ring (11) is located between the rod ring (9) and sleeve ring (10). Means is provided for moving the sleeve (3) axially with respect to the rod (2) to compress the elastomeric ring (11) so that it expands into engagement with the tube (2).

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IPC 8 full level  
**B21D 26/045** (2011.01)

CPC (source: EP)  
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Cited by  
US5709116A; WO9641693A1

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**EP 0740970 A2 19961106; EP 0740970 A3 19980114; EP 0740970 B1 20000607**; AT E149890 T1 19970315; AT E193665 T1 20000615; DE 69218176 D1 19970417; DE 69218176 T2 19970619; DE 69231165 D1 20000713; DE 69231165 T2 20001116; DK 0564732 T3 19970922; DK 0740970 T3 20001009; EP 0564732 A1 19931013; EP 0564732 B1 19970312; ES 2099210 T3 19970516; ES 2146833 T3 20000816; GR 3023466 T3 19970829; GR 3034228 T3 20001229; PT 740970 E 20000929

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