

Title (en)  
PIPE CONNECTION

Title (de)  
ROHRVERBINDUNG

Title (fr)  
RACCORD DE TUYAUX

Publication  
**EP 0883771 A1 19981216 (DE)**

Application  
**EP 97917999 A 19970219**

Priority  
• DE 9700365 W 19970219  
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Abstract (en)  
[origin: DE19609257A1] The invention relates to a pipe connection in a pipe whose smooth-ended end section is pushed onto a metal fitting which has at least one sheath-like region extending lengthways and provided with a stop element located at the start of the sheath region and projecting radially outwards; a seal is provided between the pipe and fitting, which are joined permanently with the aid of a press tool which is applied on the outside and deforms the pipe plastically. To make a pipe connection of this type suitable for high pressures and temperatures and usable in different application fields it is proposed that the pipe (4, 4') and fitting (1) should be made in the known way of plastically deformable metal and a seal (5, 5') should be provided in the contact region between the outer surface of the fitting (1) and the inner surface of the pipe (4, 4') fitted onto it, said seal covering the entire contact region; the contact region should be provided with at least one crimp-type deformation point (7') which forms the axial securing element at the fitting end and also grips the fitting (1); the distance between the deformation point (7) and the end face of the fitting (1) is small enough to ensure that the seal (5') in that region is also gripped by the deformation.

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IPC 8 full level  
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