

Title (en)  
PIPE EXPANDING DEVICE

Title (de)  
VORRICHTUNG ZUM AUFWEITEN EINES ROHRES

Title (fr)  
DISPOSITIF PERMETTANT D'ELARGIR UN TUYAU

Publication  
**EP 0824384 A1 19980225 (DE)**

Application  
**EP 96914055 A 19960509**

Priority  
• DE 9600799 W 19960509  
• DE 19517379 A 19950511

Abstract (en)  
[origin: WO9635527A1] A device for expanding a pipe (70) comprises a probe (2) insertable into the pipe (70) and fitted with an elastic expanding sleeve (4) to at least part of the inner surface of which can be applied a pressure medium. According to the invention, the expanding sleeve (4) is fitted with a supporting ring (50) at its outer periphery which is supported on a shoulder (51a, b) of the probe (2) surrounding the expanding sleeve (4) and consists of at least two partial segments (80) movable in relation to each other. This arrangement ensures that the supporting ring (50) can reversibly follow the changes in diameter occurring during the expansion of the expanding sleeve (4), thus preventing the expanding sleeve (4) from being squeezed into a gap(s) between the pipe (70) and the probe (2).

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Citation (search report)  
See references of WO 9635527A1

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