

Title (en)  
Device for expanding conduits

Title (de)  
Vorrichtung zum Aufweiten von Rohren

Title (fr)  
Dispositif d'élargissement de tuyaux

Publication  
**EP 2090384 A3 20110420 (DE)**

Application  
**EP 09000925 A 20090123**

Priority  
DE 202008002265 U 20080218

Abstract (en)  
[origin: EP2090384A2] The device (1) has a base plate (5) fixed at a housing (3) of a press device (2). A cone (7) is axial movably held and swivelable around a longitudinal axis (X) in the base plate. The cone exhibits a cone point (8) that is brought in contact with an expanding head (21). The cone is axially distributed, where a partial unit (7a) of the cone supports the cone point and another partial unit (7b) is coupled with a positioning unit (4). The partial units are coupled with one another in an axially fixed manner and are swivelably supported relative to each other around the longitudinal axis.

IPC 8 full level  
**B21D 41/02** (2006.01); **B21D 39/20** (2006.01); **B29C 57/04** (2006.01); **F16L 13/14** (2006.01)

CPC (source: EP)  
**B21D 39/20** (2013.01); **B21D 41/026** (2013.01)

Citation (search report)  
• [A] DE 19504968 A1 19960822 - WIRSBO ROHRPROD UND VERTR GMBH [DE]  
• [A] DE 29613985 U1 19961114 - WIRSBO ROHRPROD UND VERTR GMBH [DE]  
• [A] DE 2552607 A1 19770602 - ROTHENBERGER GMBH CO  
• [A] EP 0725908 B1 19981118 - WIRSBO BRUKS AB [SE]

Cited by  
CN114850326A; DE202011050988U1; CN104707916A; EP2167255A4; US11819902B2; US11633775B2; WO2011035840A3; US10000007B2; US10946576B2; US11543065B2; US11596999B2; US11779990B2; US8562331B2; US11054076B2; US8517715B2; US8763439B2; US9914260B2; US11541581B2; US8801424B2; US9862137B2; US9993961B2; US10926451B2; US11648727B2; US12023849B2; EP2900397B1; EP2900397B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**DE 202008002265 U1 20080430**; EP 2090384 A2 20090819; EP 2090384 A3 20110420

DOCDB simple family (application)  
**DE 202008002265 U 20080218**; EP 09000925 A 20090123