

Title (en)  
Method of forming a corrugation in a tubular element

Title (de)  
Verfahren zur Herstellung einer Wellung in einem rohrförmigen Element

Title (fr)  
Procédé de création d'une ondulation dans un élément tubulaire

Publication  
**EP 1777366 A1 20070425 (EN)**

Application  
**EP 05256528 A 20051021**

Priority  
EP 05256528 A 20051021

Abstract (en)  
A method of creating a corrugation in a tubular element (2), the method comprising inserting an expansion mandrel (1) having an annular rim (4c) into the tubular element, the mandrel being radially expandable between a retracted mode in which the annular rim has an outer diameter equal or smaller than the inner diameter of the tubular element, and an expanded mode in which the annular rim has an outer diameter larger than said inner diameter of the tubular element, whereby the mandrel is in the retracted mode during insertion into the tubular element, transporting the mandrel through the tubular element to the location where the corrugation is to be created, and inducing the mandrel to move from the radially retracted mode to the radially expanded mode thereby creating said corrugation in the tubular element.

IPC 8 full level  
**E21B 43/10** (2006.01); **B21D 39/20** (2006.01)

CPC (source: EP)  
**B21D 17/025** (2013.01); **B21D 39/203** (2013.01); **E21B 43/105** (2013.01)

Citation (search report)

- [X] US 4779445 A 19881025 - RABE GEORGE B [US]
- [X] US 5301424 A 19940412 - SNYDER DAVID A [US]
- [A] WO 2004097170 A1 20041111 - SHELL INT RESEARCH [NL], et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
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