

Title (en)  
DIRECT OR INDIRECT METAL PIPE EXTRUSION PROCESS, MANDREL FOR EXTRUDING METAL PIPES, METAL PIPE EXTRUDER AND EXTRUDED METAL PIPE

Title (de)  
DIREKTES ODER INDIREKTES METALLROHRSTRANGPRESSVERFAHREN, DORN ZUM PRESSEN VON METALLROHREN, METALLROHRSTRANGPRESSE SOWIE STRANGGEPRESSTES METALLROHR

Title (fr)  
PROCÉDÉ D'EXTRUSION DIRECT OU INDIRECT DE TUBES MÉTALLIQUES, MANDRIN POUR PRESSE LES TUBES MÉTALLIQUES, PRESSE D'EXTRUSION DE TUBES MÉTALLIQUES AINSI QUE TUBE MÉTALLIQUE EXTRUDÉ

Publication  
**EP 2877298 A1 20150603 (DE)**

Application  
**EP 13762732 A 20130724**

Priority  
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• DE 2013000401 W 20130724

Abstract (en)  
[origin: WO2014015849A1] If a mandrel (6) for extruding metal pipes, having two axially offset pressing surfaces (63; 64) with different radial embossing and having a transition region (66) between these two pressing surfaces (63; 64) has a support surface (62) in the transition region (66) then the negative effect of narrowing, which arises owing to the mandrel (6) shifting from a first pressing position, in which the first (63) of the two pressing surfaces interacts with a die, to a second pressing position, in which the second pressing surface (64) interacts with the die, can be minimised.

IPC 8 full level  
**B21C 23/08** (2006.01); **B21C 23/20** (2006.01); **B21C 23/21** (2006.01); **B21C 25/08** (2006.01)

CPC (source: EP KR RU US)  
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Citation (search report)  
See references of WO 2014015849A1

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