

Title (en)  
Method and device for rolling of hollow work pieces

Title (de)  
Verfahren und Vorrichtung zum Walzen von Hohlteilen

Title (fr)  
Procédé et dispositif pour laminier des pièces creuses

Publication  
**EP 0688617 B1 19970723 (DE)**

Application  
**EP 94109860 A 19940625**

Priority  
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Abstract (en)  
[origin: EP0688617A1] The method concerns impact rolling solid or hollow cylindrical components (1) which are fed in the direction of their longitudinal axis (1'). At least one impact roll (4, 5) in an external rotating roll head (2, 3) performs a specified sequence of individual impact-like rolling operations on predetermined zones of the component. The method is characterised by the fact that the individual operations are performed in the transverse direction (S\_1, S\_2) relative to the component. The appts. is characterised by the presence of at least one roll head which rotates about axes (2', 3') substantially parallel to the longitudinal axis (1') of the component. <IMAGE>

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**B21H 1/18**; **B21J 5/12**; **B21C 37/20**

IPC 8 full level  
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CPC (source: EP US)  
**B21D 15/02** (2013.01 - EP); **B21H 1/18** (2013.01 - EP); **B21H 5/025** (2013.01 - EP US); **B21J 5/12** (2013.01 - EP US); **B21H 3/08** (2013.01 - EP)

Cited by  
CN111842743A; DE102005028828B3; EP0917917A1; US6089065A; CH718706A1; WO2013159241A1; WO2019158656A1; US11498114B2; WO2022253942A1; EP1713600B1

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