

Title (en)  
PIPE AND MOLDING EQUIPMENT ARRAY AND PIPE MOLDING METHOD

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM GIESSEN VON ROHREN

Title (fr)  
PROCEDE ET STRUCTURE DE MOULAGE DE TUYAUX

Publication  
**EP 1018378 A4 20040623 (EN)**

Application  
**EP 98950499 A 19981102**

Priority  

- JP 9804962 W 19981102
- JP 10789798 A 19980417
- JP 21432098 A 19980729

Abstract (en)  
[origin: EP1018378A1] A pipe forming line that has breakdown and cluster forming sections and have rolls having flexible forming capability and compatibility with steel pipes of various sizes and is capable of conducting forming by continuous roll forming is provided together with a pipe production method. A pipe forming line comprising breakdown stands, cluster stands or cage roll stands, and fin-pass stands and a pipe forming method, the pipe forming line being characterized in that, in order to bend-form to a substantially semicircular shape or a substantially final product shape by upper and lower rolls of at least multiple stages of the break down stands, it uses as the roll caliber a curve whose curvature varies continuously or stepwise, and is directly installed with a fin-pass mill without installation of cage rolls. <IMAGE>

IPC 1-7  
**B21C 37/08**; **B21C 37/083**

IPC 8 full level  
**B21C 37/08** (2006.01); **B21C 37/083** (2006.01); **B21D 5/12** (2006.01)

CPC (source: EP)  
**B21C 37/08** (2013.01); **B21C 37/083** (2013.01)

Citation (search report)  

- No further relevant documents disclosed
- See references of WO 9954068A1

Cited by  
CN112743888A; CN103341522A; CN102989821A; EP2644243A1

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