

Title (en)  
Stretch-forming machine.

Title (de)  
Streckformmaschine.

Title (fr)  
Machine à former par étirage.

Publication  
**EP 0491071 B1 19940119**

Application  
**EP 90124540 A 19901218**

Priority  
FR 8910149 A 19890727

Abstract (en)  
[origin: US5086636A] A stretch-forming machine for forming about a forming die, the machine comprising two jaws situated longitudinally on either side of the die, each jaw being connected to a fixed portion via drive means enabling each end of the jaw to move substantially in a plane perpendicular to the jaw in its rest position and to move in any direction within the plane. The die is fixed on a base connected to a table of a fixed frame, the table being situated at ground level, and the machine includes vertical guide means for the middles of the jaws, the jaws being connected to the drive means without any possibility of rotating relative to the means about a longitudinal axis.

IPC 1-7  
**B21D 11/02**; **B21D 25/02**

IPC 8 full level  
**B21D 11/02** (2006.01); **B21D 25/02** (2006.01)

CPC (source: EP US)  
**B21D 25/02** (2013.01 - EP US)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 5086636 A 19920211**; AT E100360 T1 19940215; DE 69006217 D1 19940303; DE 69006217 T2 19940505; DK 0491071 T3 19940530; EP 0491071 A1 19920624; EP 0491071 B1 19940119; ES 2048950 T3 19940401; FR 2650205 A1 19910201; FR 2650205 B1 19941209

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**US 62802790 A 19901217**; AT 90124540 T 19901218; DE 69006217 T 19901218; DK 90124540 T 19901218; EP 90124540 A 19901218; ES 90124540 T 19901218; FR 8910149 A 19890727