

Title (en)  
Swaging Machine.

Title (de)  
Rundknetmaschine.

Title (fr)  
Machine à rétreindre rotative.

Publication  
**EP 0476350 A1 19920325 (EN)**

Application  
**EP 91114132 A 19910823**

Priority  
JP 23575290 A 19900907

Abstract (en)  
A swaging machine comprises a machining head (1), a plurality of swaging dies (5) respectively so placed in a hollow interior of a spindle (2) as to slide along grooves formed in the machining head (1), a plurality of swaging hammers (7), each arranged on the outer circumference of the dies, a plurality of wedges (4) inserted between the swaging hammers and the die so as to move longitudinally of the spindle (2). The machining head (1) further has a set of rollers (82) and an outer ring (8). The rollers (82) are rotatably arranged between the spindle (2) and the outer ring (8). The diameter of the rollers (82) is slightly larger than the distance between the spindle (2) and the outer ring (8), so the dies (5) intermittently strike or swage the work placed in the center space of the set of dies (5) through the swaging hammers (7) when the outer ends of the hammers (7) are pressed innerward through the rotating rollers (82). <IMAGE>

IPC 1-7  
**B21J 7/16**

IPC 8 full level  
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CPC (source: EP)  
**B21J 7/145** (2013.01); **B21J 7/16** (2013.01)

Citation (search report)

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