

Title (en)  
ROTARY SWAGING MACHINE

Publication  
**EP 0087072 B1 19860205 (DE)**

Application  
**EP 83101269 A 19830210**

Priority  
DE 3205585 A 19820217

Abstract (en)  
[origin: US4455851A] This invention relates to a swaging machine which preferably comprises depth-setting wedges which are adapted to be inserted parallel to the axis of the machine between the swaging dies and the die-actuating rams associated with said dies and which permit the use of the machine for recess swaging. Each die and the die-actuating ram associated with said die have parallel bores and a U-shaped spring is inserted into said bores to connect said die and ram. This arrangement will ensure that the opening defined by the dies will be held open even if a machine provided with such depth-setting wedges operates at a low speed or is at a standstill.

IPC 1-7  
**B21J 7/14**

IPC 8 full level  
**B21J 7/14** (2006.01); **B21J 7/16** (2006.01); **B21J 9/06** (2006.01); **B21J 13/02** (2006.01)

CPC (source: EP US)  
**B21J 7/145** (2013.01 - EP US); **B21J 7/16** (2013.01 - EP US)

Citation (examination)  
US 2669137 A 19540216 - SAMUEL SMITH

Cited by  
DE10202102B4; EP0841111A1; FR2755042A1; DE10156299B4; DE10156299B8; US6770817B2; US6976889B2; US6893301B2

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