

Title (en)  
Hemming press.

Title (de)  
Falzvorrichtung.

Title (fr)  
Presse à sertir par pliage.

Publication  
**EP 0592848 A1 19940420 (EN)**

Application  
**EP 93115381 A 19930923**

Priority  
US 96095592 A 19921014

Abstract (en)  
A press (20) with both prehemming and final hemming tools or steels (22, 24) each driven by the same prime mover (44). Each steel is mounted on a separate carrier (36, 38) driven through separate toggle joints (40, 42) to advance and retract the steels (22, 24) for prehemming and final hemming of an upturned flange (26) along the edge of a steel panel (30). To facilitate synchronizing the operation of at least two presses (20), the prime mover (44) may be a screw and servo motor drive assembly (158). <IMAGE>

IPC 1-7  
**B21D 39/02**

IPC 8 full level  
**B21D 39/02** (2006.01)

CPC (source: EP)  
**B21D 39/021** (2013.01)

Citation (search report)  
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• [Y] US 5005398 A 19910409 - EVANS OWEN C [US]  
• [PA] WO 9305902 A1 19930401 - D V ASSOCIATES LIMITED [GB]  
• [A] "clinching machines", AUTOMOBILE ENGINEER, vol. 55, no. 3, March 1965 (1965-03-01), LONDON GB, pages 110 - 113

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DE ES FR GB SE

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**EP 0592848 A1 19940420; EP 0592848 B1 19960612**; CA 2089813 A1 19940415; DE 69303141 D1 19960718; DE 69303141 T2 19970130; ES 2088206 T3 19960801; MX 9301209 A 19940429

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