

Title (en)

Device for hemming sheet metal, especially bodywork in automobile construction

Title (de)

Vorrichtung zum Falzen von Blechen, insbesondere Karosserieblechen im Automobilbau

Title (fr)

Dispositif de sertissages des tôles, notamment des tôles de carrosserie dans la fabrication des automobiles

Publication

EP 0911093 B1 20011114 (DE)

Application

EP 98118123 A 19980924

Priority

DE 19747291 A 19971025

Abstract (en)

[origin: US6029493A] A device for hemming of sheet metals, particularly of coachwork sheet metals in automobile manufacture, wherein a driven ram with superposed hemming bed arranged in a base rack presses the sheet metals to be hemmed against stationary hemming tools. The working stroke and the force for hemming of sheet metals is pneumatically transmitted to ram by the aid of a compressed-air cushion arranged between base rack and ram.

IPC 1-7

B21D 39/02

IPC 8 full level

B21D 5/16 (2006.01); **B21D 39/02** (2006.01)

CPC (source: EP US)

B21D 5/16 (2013.01 - EP US); **B21D 39/021** (2013.01 - EP US)

Cited by

US6487888B1; US6578401B2; US6508099B1

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

US 6029493 A 20000229; AT E208668 T1 20011115; BR 9804735 A 19991109; DE 19747291 C1 19990121; DE 59802132 D1 20011220; EP 0911093 A1 19990428; EP 0911093 B1 20011114; ES 2166582 T3 20020416

DOCDB simple family (application)

US 17856398 A 19981023; AT 98118123 T 19980924; BR 9804735 A 19981023; DE 19747291 A 19971025; DE 59802132 T 19980924; EP 98118123 A 19980924; ES 98118123 T 19980924