

Title (en)

Process and apparatus for the manufacture of deep drawn aluminium products.

Title (de)

Verfahren und Vorrichtung zum Herstellen tiefgezogener Aluminiumteile.

Title (fr)

Procédé et appareillage pour la production d'emboutis profonds en aluminium.

Publication

EP 0668155 A1 19950823 (DE)

Application

EP 94102540 A 19940219

Priority

- EP 94102540 A 19940219
- DE 4242849 A 19921218

Abstract (en)

Mfg. process for deep drawn aluminium parts, pref. for motor vehicle chassis construction, in which several layers of aluminium sheet is used for deep drawing. Laminating equipment for the process is also claimed. Two aluminium sheets are combined by adhesive bonding. The sheets are unwound from coils, bonded together and recoiled as sandwiched sheet.

Abstract (de)

Es wird ein Verfahren vorgeschlagen, ein für Tiefziehvorgänge, insbesondere im Karosserie-Kraftfahrzeugbau geeignetes Aluminiumblech zu schaffen, indem zwei Aluminiumbleche (14,16) miteinander verklebt werden und das so erhaltene Sandwichblech (48) dann dem Tiefziehvorgang unterworfen wird. <IMAGE>

IPC 1-7

B32B 15/20

IPC 8 full level

B21D 22/00 (2006.01); **B21D 22/20** (2006.01)

CPC (source: EP)

B21D 22/00 (2013.01); **B21D 22/201** (2013.01)

Citation (search report)

- [X] US 4521265 A 19850604 - KUNIIHIKO ICHIKAWA [JP], et al
- [A] DE 3416753 A1 19851107 - NYFFELER CORTI AG [CH]
- [A] PATENT ABSTRACTS OF JAPAN vol. 4, no. 111 (M - 025) 9 August 1980 (1980-08-09)

Designated contracting state (EPC)

ES FR GB IT SE

DOCDB simple family (publication)

DE 4242849 A1 19940623; EP 0668155 A1 19950823

DOCDB simple family (application)

DE 4242849 A 19921218; EP 94102540 A 19940219