

Title (en)

METHOD AND APPARATUS FOR FORMING A CAN SHELL USING A DRAW-STRETCH PROCESS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER DOSENHÜLLE UNTER VERWENDUNG EINES ZUGDEHNUNGSVERFAHRENS

Title (fr)

PROCÉDÉ ET APPAREIL PERMETTANT DE FORMER UNE COQUE DE RÉCIPIENT PAR UN PROCESSUS D'EXTENSION PAR ÉTIREMENT

Publication

**EP 3793756 A4 20220119 (EN)**

Application

**EP 19802780 A 20190422**

Priority

- US 201815980090 A 20180515
- US 2019028465 W 20190422

Abstract (en)

[origin: US2019351473A1] A shell includes a body with a center panel, a countersink, a chuck wall, and a draw-stretched outer portion. The countersink has a base thickness. The outer portion has a reduced thickness. The shell countersink has substantially the same thickness as the sheet material prior to forming. In this configuration, the shell maintains the buckle resistance of a standard shell but uses less material.

IPC 8 full level

**B21D 22/24** (2006.01); **B21D 51/38** (2006.01); **B65D 43/00** (2006.01)

CPC (source: EP US)

**B21D 22/24** (2013.01 - EP); **B21D 51/2623** (2013.01 - US); **B21D 51/38** (2013.01 - EP); **B65D 7/36** (2013.01 - EP); **B65D 7/42** (2013.01 - EP)

Citation (search report)

- [X] WO 2016190969 A1 20161201 - STOLLE MACHINERY CO LLC [US]
- [A] US 6386013 B1 20020514 - WERTH ELMER D [US]
- See references of WO 2019221877A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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