

Title (en)

Method and device for producing a cup-shaped sheet metal piece with interior and exterior teeth

Title (de)

Verfahren und Vorrichtung zur Herstellung eines innen- und aussenverzahnten topfförmigen Blechteils

Title (fr)

Procédé et dispositif de fabrication d'un élément de tôle en forme de pot denté à l'intérieur et à l'extérieur

Publication

**EP 2460599 B1 20130529 (DE)**

Application

**EP 11009265 A 20111123**

Priority

DE 102010053547 A 20101204

Abstract (en)

[origin: EP2460599A1] The method involves sliding an un-toothed pot-shaped sheet metal part (1) on a mandrel formed with an external toothing corresponding to the internal toothing of the sheet metal part so that an outer profile is rolled on the pot-shaped sheet metal part. A completed shape of longitudinal grooves is carried out in the course of an individual press stroke. An independent claim is also included for an apparatus for manufacturing an internally-and externally-toothed pot-shaped sheet metal part.

IPC 8 full level

**B21D 53/28** (2006.01); **B21H 5/02** (2006.01)

CPC (source: EP)

**B21D 53/28** (2013.01); **B21H 5/02** (2013.01); **B21H 5/025** (2013.01)

Cited by

EP2915609A1; CN108167333A; DE102014002971A1; US9981296B2

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