

Title (en)

Hemming method with pre- and final hemming tool

Title (de)

Verfahren zum Bördeln mit vor- und nachlaufender Bördelform

Title (fr)

Procédé de sertissage avec outil de présertissage et de sertissage

Publication

**EP 1685915 B1 20080723 (DE)**

Application

**EP 06001600 A 20060126**

Priority

DE 102005004474 A 20050131

Abstract (en)

[origin: EP1685915A1] An edging device for bending an edging land (2) of a component (1) round a flanging edge (3), comprises (a) a tool head (5) and (b) a first edging form (11; 14) and a second edging form (12; 13) carried simultaneously by the tool head (5) in the working position and mounted one after the other in a working direction (L). An independent claim is also included for a method for forming an edge, in which (a) a tool head with forms as above is moved along the edge (3) in a working run, preferably with one of the forms (11, 12; 13, 14) being moveable across the edge (3) (relative to the other), (b) the front-running form (11; 13) turns the land over the edge and the following form (12; 14) turns it over further in the same run.

IPC 8 full level

**B21D 39/02** (2006.01)

CPC (source: EP US)

**B21D 39/021** (2013.01 - US); **B21D 39/023** (2013.01 - EP); **Y10T 29/53791** (2015.01 - EP US)

Cited by

DE102010041394A1; DE102009024344A1; CN103920779A; DE102007002856B4; CN109175116A; FR2988311A1; FR3067621A1; CN113059076A; DE102009024344B4; FR3009215A1; EP2283945A3; DE102007022102B4; FR2903030A1; FR2987291A1; CN113714359A; EP3263241A1; CN107537942A; DE102007022102A1; US8408036B2; WO2008068314A2; US8720876B2; WO2010142703A3; WO2007085678A1; DE202010011359U1; US8631996B2; DE102007002856A1; WO2008086994A1; US9006605B2; WO2023025997A1; FR3126324A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1685915 A1 20060802; EP 1685915 B1 20080723**; AT E401978 T1 20080815; DE 102005004474 B3 20060831; DE 502006001150 D1 20080904; ES 2310864 T3 20090116; JP 2006212704 A 20060817; JP 4221412 B2 20090212; US 2006288752 A1 20061228; US 7637134 B2 20091229

DOCDB simple family (application)

**EP 06001600 A 20060126**; AT 06001600 T 20060126; DE 102005004474 A 20050131; DE 502006001150 T 20060126; ES 06001600 T 20060126; JP 2006022713 A 20060131; US 34357206 A 20060131