

Title (en)

INSTALLATION AND METHOD FOR THE FORMATION OF AT LEAST ONE CORNER REGION IN A METAL PLATE

Title (de)

ANLAGE UND VERFAHREN ZUR AUSBILDUNG WENIGSTENS EINES ECKBEREICHES IN EINER METALLPLATTE

Title (fr)

INSTALLATION ET PROCÉDÉ DE FORMATION D'AU MOINS UNE ZONE D'ANGLE DANS UNE PLAQUE MÉTALLIQUE

Publication

EP 3569324 B1 20210303 (EN)

Application

EP 18382328 A 20180514

Priority

EP 18382328 A 20180514

Abstract (en)

[origin: EP3569324A1] Installation and method for forming at least one corner region (1.0) in a rectangular metal plate (1), the corner region (1.0) being formed in the intersection between a first section (1.1) and a second section (1.2) of the metal plate (1). For forming a corner region, the bending of the first section (1.1) of the metal plate (1) is performed first, and then the bending of the second section (1.2) of said metal plate (1) is performed, at least the region of the first section (1.1) closest to the corner region (1.0) being held and kept immobile during said bending of the second section (1.2), said region of the first section (1.1) being released once said bending of the second section (1.2) has been completed.

IPC 8 full level

B21D 5/04 (2006.01); **B21D 19/04** (2006.01); **B21D 19/08** (2006.01)

CPC (source: CN EP US)

B21D 5/04 (2013.01 - EP); **B21D 5/042** (2013.01 - US); **B21D 5/045** (2013.01 - EP); **B21D 19/043** (2013.01 - CN EP); **B21D 19/08** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3569324 A1 20191120; **EP 3569324 B1 20210303**; BR 102019009426 A2 20200428; CN 110479824 A 20191122; MX 2019005451 A 20191115; US 2019344319 A1 20191114

DOCDB simple family (application)

EP 18382328 A 20180514; BR 102019009426 A 20190508; CN 201910357811 A 20190430; MX 2019005451 A 20190509; US 201916410407 A 20190513