

Title (en)

METHOD AND APPARATUS FOR FOLDING AN EDGE OF A SHEET COMPONENT IN PARTICULAR A SHEET COMPONENT OF A MOTOR VEHICLE CHASSIS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM FALZEN EINES RANDES EINES BLECHBAUTEILS, INSBESONDERE EINES BLECHBAUTEILS EINER KFZ-KAROSSERIE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR REPLIER UN BORD D'UNE PIÈCE DE TÔLE, EN PARTICULIER D'UNE PIÈCE DE TÔLE D'UNE CARROSSERIE DE VÉHICULE À MOTEUR

Publication

EP 2032279 B1 20091202 (DE)

Application

EP 07729385 A 20070522

Priority

- EP 2007054946 W 20070522
- DE 102006028833 A 20060621

Abstract (en)

[origin: US2009301158A1] According to the invention, folding a sheet edge at high folding speed with no faults may be achieved, wherein a conically contoured folding roller is used with an inclined attitude to the direction of movement thereof, firstly engaging the edge of the sheet for folding with the front region of the largest diameter thereof and then continuously folding the edge of the sheet until contact is made with the limiting part of the sheet component continuously over the conical region until the region of the smallest diameter thereof is reached.

IPC 8 full level

B21D 39/02 (2006.01)

CPC (source: EP US)

B21D 39/021 (2013.01 - EP US); **B21D 39/023** (2013.01 - EP US)

Cited by

CN109570301A; FR2990887A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2009301158 A1 20091210; US 8302444 B2 20121106; AT E450328 T1 20091215; BR PI0713721 A2 20121030; DE 102006028833 A1 20071227; DE 502007002204 D1 20100114; EP 2032279 A1 20090311; EP 2032279 B1 20091202; ES 2336623 T3 20100414; WO 2007147692 A1 20071227

DOCDB simple family (application)

US 30490807 A 20070522; AT 07729385 T 20070522; BR PI0713721 A 20070522; DE 102006028833 A 20060621; DE 502007002204 T 20070522; EP 07729385 A 20070522; EP 2007054946 W 20070522; ES 07729385 T 20070522