

Title (en)
Incremental forming device

Title (de)
Vorrichtung zur inkrementellen Umformung

Title (fr)
Dispositif de formage incrémental

Publication
EP 2559499 B1 20131113 (FR)

Application
EP 12178446 A 20120730

Priority
FR 1157403 A 20110818

Abstract (en)
[origin: EP2559499A1] The method involves performing heating under a to-be-formed sheet (2) by a heating unit i.e. halogen lamp (130), after rise in temperature, where the heating unit is thermally isolated by a thermal insulation box (120) arranged in a frame (110) that includes a positioning unit (112) for positioning the sheet. Constant temperature is maintained throughout incremental forming of the sheet, where the sheet is surrounded by a peripheral die (116). An independent claim is also included for a device for hot incremental forming of a sheet.

IPC 8 full level
B21D 31/00 (2006.01)

CPC (source: EP)
B21D 31/00 (2013.01); **B21D 31/005** (2013.01)

Cited by
CN106001254A; CN110102637A; CN111774472A; EP3040134A1; CN105755406A; JP2016128189A; CN104384310A; CN113042618A; US9719150B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2559499 A1 20130220; EP 2559499 B1 20131113; FR 2979066 A1 20130222; FR 2979066 B1 20130906

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