

Title (en)

Electromagnetic forming and/or cutting with adhered push plate

Title (de)

Elektromagnetisches Umformen und/oder Schneiden mit aufgeklebtem Treibblech

Title (fr)

Déformation et/ou coupe électromagnétique à l'aide d'une tôle motrice collée

Publication

EP 2465621 B1 20160323 (DE)

Application

EP 11185880 A 20111020

Priority

DE 102010062978 A 20101214

Abstract (en)

[origin: EP2465621A1] The method involves attaching a driving sheet (B) on shaping/cutting region of a sheet material (M). A coil (30) which applies magnetic compressive force on shaping/cutting region is provided on the driving sheet, so as to shape/cut the sheet material. The driving sheet is made of material selected from the group consisting of aluminum, copper, silver, electrical conductive plastic and plastic composite. The sheet material is made of carbon- fiber reinforced plastic material. Independent claims are included for the following: (1) sheet material; and (2) mobile device.

IPC 8 full level

B21D 26/14 (2006.01)

CPC (source: EP)

B21D 26/14 (2013.01)

Cited by

CN114192651A; CN110686976A; CN108672543A

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

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