

Title (en)
FOIL STAMPING APPARATUS

Title (de)
FOLIENPRÄGEVORRICHTUNG

Title (fr)
APPAREIL DE GAUFRAGE SUR FEUILLE MÉTALLIQUE

Publication
EP 2655067 A1 20131030 (EN)

Application
EP 11808517 A 20111220

Priority
• US 201061425915 P 20101222
• US 2011066128 W 20111220

Abstract (en)
[origin: WO2012088096A1] An apparatus for coating a part that has an asymmetrical edge. The apparatus includes a film dispenser, a film retriever, a mandrel and a part holder. Preferably one or both of the mandrel and the part holder move in an angular relationship to one another, and the film dispenser and the film retriever move co-operatively in at least two dimensions with respect to the part holder. There is further provided a film having a first edge and a second edge, and the film can be a decorative coating, a protective coating or combinations of these. The film dispenser holds the first edge of the film, the film is positioned between the mandrel and the part holder and the film retriever holds the film second edge.

IPC 8 full level
B41F 16/00 (2006.01); **B44C 1/14** (2006.01)

CPC (source: EP)
B41F 16/00 (2013.01); **B41P 2219/20** (2013.01); **B41P 2219/43** (2013.01)

Citation (search report)
See references of WO 2012088096A1

Citation (examination)
• US 4373984 A 19830215 - HAWKINS JAMES H
• US 4696714 A 19870929 - VOORHEES THEODORE [US]
• US 4300974 A 19811117 - BAUER FRITZ E

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)
WO 2012088096 A1 20120628; CA 2819521 A1 20120628; CA 2819521 C 20170117; CN 103298617 A 20130911; CN 103298617 B 20161019; EP 2655067 A1 20131030; JP 2014507303 A 20140327; JP 2016104556 A 20160609; JP 6170111 B2 20170726

DOCDB simple family (application)
US 2011066128 W 20111220; CA 2819521 A 20111220; CN 201180061966 A 20111220; EP 11808517 A 20111220; JP 2013543420 A 20111220; JP 2015204783 A 20151016