

Title (en)

PROCESS FOR THE PRODUCTION OF COIN BLANKS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON MÜNZROHLINGEN

Title (fr)

PROCEDE DE FABRICATION D'EBAUCHES POUR PIECES DE MONNAIE

Publication

EP 1844176 B1 20110406 (EN)

Application

EP 05781713 A 20050902

Priority

- GB 2005003420 W 20050902
- GB 0419609 A 20040903

Abstract (en)

[origin: WO2006024877A1] The present invention provides a process for applying a diffusion coating to steel coin blanks. The process comprises the steps of (i) charging a metallising reactor with a plurality of coin blanks and a chromising compound comprising ferrochromium granules, an energiser and a refractive diluent, (ii) heating the chromising compound to generate a chromising vapour for deposition on to the coin blanks, and (iii) removing the coin blanks from the reactor. The reactor rotates at a rate of 0.5-50 rpm. A process for preparing coins is also disclosed.

IPC 8 full level

C23C 10/12 (2006.01); **C23C 10/32** (2006.01); **C23C 12/02** (2006.01)

CPC (source: EP KR)

C23C 10/12 (2013.01 - EP KR); **C23C 10/32** (2013.01 - EP KR); **C23C 12/02** (2013.01 - EP KR)

Cited by

DE102019106611A1; US11261516B2; US8557397B2; US8628861B2; US10876198B2

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006024877 A1 20060309; AT E504671 T1 20110415; CA 2578818 A1 20060309; DE 602005027402 D1 20110519; EP 1844176 A1 20071017; EP 1844176 B1 20110406; GB 0419609 D0 20041006; KR 20070060107 A 20070612; PL 1844176 T3 20110930; RU 2007107848 A 20081010; RU 2383657 C2 20100310

DOCDB simple family (application)

GB 2005003420 W 20050902; AT 05781713 T 20050902; CA 2578818 A 20050902; DE 602005027402 T 20050902; EP 05781713 A 20050902; GB 0419609 A 20040903; KR 20077007575 A 20070402; PL 05781713 T 20050902; RU 2007107848 A 20050902