

Title (en)

METHOD FOR SURFACE-COATING A COMPONENT, AND COATING APPARATUS FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUM OBERFLÄCHENBESCHICHTEN EINES BAUTEILS SOWIE BESCHICHTUNGSEINRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ DE REVÊTEMENT SUPERFICIEL D'UN COMPOSANT ET DISPOSITIF DE REVÊTEMENT DESTINÉ À LA MISE EN OEUVRE DU PROCÉDÉ

Publication

**EP 3494246 A1 20190612 (DE)**

Application

**EP 17757473 A 20170803**

Priority

- DE 102016114450 A 20160804
- EP 2017069695 W 20170803

Abstract (en)

[origin: WO2018024837A1] The invention relates to a method for surface-coating a component whose surface to be coated is fully or at least partially in the form of a metal surface, wherein the surface to be coated is provided with a friction-reducing and/or strength-increasing coating, wherein the component is conveyed through a continuous furnace and is coated with the friction-reducing and/or strength-increasing coating in the continuous furnace while being heated by means of a process gas which is introduced into the continuous furnace and to which a coating additive material is added. The invention also relates to a coating apparatus for carrying out a method of this type.

IPC 8 full level

**C23C 16/40** (2006.01); **C23C 16/02** (2006.01); **C23C 16/455** (2006.01); **C23C 16/458** (2006.01); **C23C 16/54** (2006.01)

CPC (source: EP)

**C23C 16/0218** (2013.01); **C23C 16/401** (2013.01); **C23C 16/403** (2013.01); **C23C 16/45561** (2013.01); **C23C 16/45595** (2013.01); **C23C 16/4583** (2013.01); **C23C 16/54** (2013.01)

Citation (search report)

See references of WO 2018024837A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018024837 A1 20180208**; DE 102016114450 A1 20180208; DE 102016114450 B4 20180322; EP 3494246 A1 20190612

DOCDB simple family (application)

**EP 2017069695 W 20170803**; DE 102016114450 A 20160804; EP 17757473 A 20170803