

Title (en)

POLYAMIDE COMPOSITION WHICH IS DYED IN BLACK AND PRODUCTION AND USE THEREOF

Title (de)

SCHWARZ EINGEFAERBTE POLYAMID-ZUSAMMENSETZUNG, DEREN HERSTELLUNG UND VERWENDUNG

Title (fr)

COMPOSITION DE POLYAMIDE TEINTÉE EN NOIR, PRÉPARATION ET UTILISATION DE LADITE COMPOSITION

Publication

**EP 3420033 A1 20190102 (DE)**

Application

**EP 17702669 A 20170208**

Priority

- EP 16156745 A 20160222
- EP 2017052758 W 20170208

Abstract (en)

[origin: WO2017144276A1] The present invention relates to a polyamide composition which is dyed in black, comprising a chromium-containing azo dye in the form of a 1 : 2 chromium complex, to the production of such a polyamide composition and to the use thereof for the preparation of polyamide molded bodies and fibers, which are dyed in black. The invention further relates to a method for laser welding using at least one molding part on the basis of such a polyamide composition.

IPC 8 full level

**C08L 77/02** (2006.01)

CPC (source: EP US)

**C08K 5/235** (2013.01 - US); **C08K 5/56** (2013.01 - EP US); **C08L 77/02** (2013.01 - EP US); **C08K 5/0041** (2013.01 - EP US)

Citation (search report)

See references of WO 2017144276A1

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 2017144276 A1 20170831**; CN 108884315 A 20181123; EP 3420033 A1 20190102; JP 2019508554 A 20190328; US 2019031857 A1 20190131

DOCDB simple family (application)

**EP 2017052758 W 20170208**; CN 201780012494 A 20170208; EP 17702669 A 20170208; JP 2018544256 A 20170208; US 201716077134 A 20170208