

Title (en)  
CONTINUOUS HEATING APPARATUS

Title (de)  
DURCHLAUFERHITZUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE CHAUFFAGE CONTINU

Publication  
**EP 2701121 B1 20160427 (EN)**

Application  
**EP 12816425 A 20120706**

Priority  
JP 2012067364 W 20120706

Abstract (en)  
[origin: EP2701121A1] A continuous heating apparatus which can maintain an appropriate heating of strip material the as much as possible even if a remaining amount of loop is reduced, and which can reliably decrease the furnace temperature to a temperature equal to or less than the safety temperature controls the combustion amounts in the combustion segments respectively so that internal temperatures of the combustion segments are maintained at respectively predetermined preset temperatures if the surplus time is longer than a predetermined preset time, and varies the combustion amounts in the combustion segments respectively in a predetermined profile with respect to the surplus time if the surplus time is shorter than a predetermined preset time.

IPC 8 full level  
**G06T 7/00** (2006.01); **C21D 9/56** (2006.01); **F27B 9/28** (2006.01); **F27B 9/40** (2006.01); **F27D 19/00** (2006.01); **F27D 21/00** (2006.01); **G01N 21/956** (2006.01); **G06T 1/00** (2006.01); **G06T 7/60** (2006.01)

CPC (source: EP)  
**C21D 9/56** (2013.01); **C21D 11/00** (2013.01); **F27B 9/28** (2013.01); **F27B 9/40** (2013.01); **F27D 19/00** (2013.01); **F27D 21/00** (2013.01)

Cited by  
US12061047B2

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)  
**EP 2701121 A1 20140226; EP 2701121 A4 20140903; EP 2701121 B1 20160427**; CN 103764856 A 20140430; CN 103764856 B 20151125; ES 2571595 T3 20160526; JP 5189230 B1 20130424; JP WO2014006749 A1 20160602; WO 2014006749 A1 20140109

DOCDB simple family (application)  
**EP 12816425 A 20120706**; CN 201280001715 A 20120706; ES 12816425 T 20120706; JP 2012067364 W 20120706; JP 2012551429 A 20120706