

Title (en)

GAS QUENCHING CELL FOR STEEL PARTS

Title (de)

GASABSCHRECKKAMMER FÜR STAHLGUSSWERKE

Title (fr)

CELLULE DE TREMPE AU GAZ POUR PIECES EN ACIER

Publication

**EP 1844169 B1 20190424 (FR)**

Application

**EP 06709405 A 20060116**

Priority

- FR 2006050017 W 20060116
- FR 0550134 A 20050117

Abstract (en)

[origin: US2006157169A1] A method for quenching a steel load by flowing of a gas at the load level via gas moving means. The moving means are controlled to have the gas flow at the load level at a speed which varies according to a speed profile, at least a portion of which comprises, successively, a plateau at a first speed and a plateau at a second speed greater than the first speed.

IPC 8 full level

**C21D 1/613** (2006.01); **C21D 1/767** (2006.01)

CPC (source: EP KR US)

**C21D 1/613** (2013.01 - EP KR US); **C21D 1/62** (2013.01 - KR); **C21D 1/767** (2013.01 - EP US); **C21D 9/32** (2013.01 - EP US); **C21D 2241/01** (2013.01 - EP US)

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)

**FR 2880898 A1 20060721**; **FR 2880898 B1 20070511**; BR PI0606652 A2 20090707; BR PI0606652 B1 20150602; CA 2595020 A1 20060720; CN 101107368 A 20080116; EP 1844169 A1 20071017; EP 1844169 B1 20190424; JP 2008527176 A 20080724; JP 5638737 B2 20141210; KR 20070099648 A 20071009; MX 2007008652 A 20071018; US 2006157169 A1 20060720; WO 2006075120 A1 20060720

DOCDB simple family (application)

**FR 0550134 A 20050117**; BR PI0606652 A 20060116; CA 2595020 A 20060116; CN 200680002442 A 20060116; EP 06709405 A 20060116; FR 2006050017 W 20060116; JP 2007550823 A 20060116; KR 20077018766 A 20070816; MX 2007008652 A 20060116; US 10942905 A 20050419