

Title (en)

QUENCHING DEVICE AND QUENCHING METHOD

Title (de)

ABSCHRECKVORRICHTUNG SOWIE ABSCHRECKVERFAHREN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE TREMPÉ

Publication

**EP 2387622 A1 20111123 (DE)**

Application

**EP 09765082 A 20091202**

Priority

- EP 2009066202 W 20091202
- DE 102009000200 A 20090114

Abstract (en)

[origin: WO2010081587A1] The invention relates to a quenching device (1) which comprises at least one chamber (2), especially a quenching chamber and/or a flow channel. Said chamber can be filled with a quenching gas and has at least one blower wheel (9) for circulating the quenching gas. The blower wheel (9) is associated with a drive motor (15) for driving the blower, said motor being mounted outside the chamber (2). The invention is characterized in that the drive motor (15) is coupled to the blower wheel (9) via a contactless coupling so as to transmit torque. The invention further relates to a quenching method.

IPC 8 full level

**C21D 1/613** (2006.01); **C21D 1/767** (2006.01); **C21D 9/00** (2006.01)

CPC (source: EP US)

**C21D 1/767** (2013.01 - EP US); **C21D 1/613** (2013.01 - EP US)

Citation (search report)

See references of WO 2010081587A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010081587 A1 20100722**; BR PI0922762 A2 20160105; CN 102282271 A 20111214; DE 102009000200 B3 20100902; EP 2387622 A1 20111123; EP 2387622 B1 20160831; JP 2012515262 A 20120705; US 2012067467 A1 20120322

DOCDB simple family (application)

**EP 2009066202 W 20091202**; BR PI0922762 A 20091202; CN 200980154501 A 20091202; DE 102009000200 A 20090114; EP 09765082 A 20091202; JP 2011545647 A 20091202; US 200913144232 A 20091202