

## Title (en)

System and method for quenching a heated metallic object

## Title (de)

System und Verfahren zum Abschrecken eines erwärmten metallischen Gegenstandes

## Title (fr)

Système et procédé de trempe d'un objet métallique chauffé

## Publication

**EP 2813584 A1 20141217 (EN)**

## Application

**EP 13002983 A 20130611**

## Priority

EP 13002983 A 20130611

## Abstract (en)

The present invention relates to a system and a method for quenching a heated metallic object. The system comprises - a detector (7) for detecting the dimension of a metallic object (2), - a furnace (3) for heating the metallic object (2), - a quenching device (4) comprising at least one nozzle (5) for impinging a fluid (6) onto the heated metallic object (2), - a central control unit (8) connected to the detector (7) and to the quenching device (4), wherein the central control unit (8) is embodied in such a way that the intensity of quenching is determined according to the detected dimension of said metallic object (2).

## IPC 8 full level

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## Citation (applicant)

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