

Title (en)

Quenching device for metal workpieces

Title (de)

Vorrichtung zum Abschrecken metallischer Werkstücke

Title (fr)

Dispositif de trempe de pièces métalliques

Publication

EP 0796920 B1 20010801 (DE)

Application

EP 96110117 A 19960622

Priority

DE 29603022 U 19960221

Abstract (en)

[origin: EP0796920A1] Gas quenching equipment for metal parts, having a vertically adjustable nozzle plate (5) above the parts (3) arranged on a grid (2), allowing a substantially vertical flooding of the parts (3) with a quenching gas, the distance between the nozzle plate and the top surface of the parts (3) being variable up to 7 times the nozzle diameter d.

IPC 1-7

C21D 1/667

IPC 8 full level

C21D 1/667 (2006.01); **C21D 1/767** (2006.01); **C21D 1/613** (2006.01)

CPC (source: EP)

C21D 1/667 (2013.01); **C21D 1/767** (2013.01); **C21D 1/613** (2013.01)

Cited by

EP2489452A3; US2015343531A1; CN108120301A; DE102019204869A1; WO2008121671A3; WO2005123970A1; EP1490524B2

Designated contracting state (EPC)

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EP 0796920 A1 19970924; **EP 0796920 B1 20010801**; AT E203779 T1 20010815; DE 29603022 U1 19960418; DE 59607412 D1 20010906; ES 2161317 T3 20011201

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