

Title (en)  
Quenching device for workpieces

Title (de)  
Abschreckvorrichtung für Werkstücke

Title (fr)  
Dispositif pour la trempe de pièces

Publication  
**EP 1033413 B1 20050831 (DE)**

Application  
**EP 00104689 A 20000303**

Priority  
DE 19909478 A 19990304

Abstract (en)  
[origin: EP1033413A2] Apparatus for chilling workpieces comprises a container (12) containing a quenching medium, in which a press roller (20) is horizontally fixed so that it can rotate. The roller is partially immersed in the quenching medium and is coupled to a control device for its rotation. Several receiving stations (A11, A21, A31, A41) are provided in the peripheral direction. During quenching, a workpiece (36) is held and pressed in each receiving station.

IPC 1-7  
**C21D 1/673**; **C21D 1/63**

IPC 8 full level  
**C21D 1/63** (2006.01); **C21D 1/673** (2006.01)

CPC (source: EP)  
**C21D 1/63** (2013.01); **C21D 1/673** (2013.01)

Cited by  
CN108148962A; CN103725837A; CN110343838A

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1033413 A2 20000906**; **EP 1033413 A3 20030730**; **EP 1033413 B1 20050831**; AT E303452 T1 20050915; DE 19909478 A1 20001123; DE 19909478 C2 20030410; DE 50011043 D1 20051006

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