

Title (en)

Device for rotating cylindrical rods during a quenching operation

Title (de)

Vorrichtung zum Drehen von zylindrischen Stäben während eines Abschreckverfahrens

Title (fr)

Dispositif de mise en rotation de barres cylindriques pendant une opération de trempe

Publication

EP 1055737 A1 20001129 (FR)

Application

EP 99420113 A 19990507

Priority

EP 99420113 A 19990507

Abstract (en)

Device for rotating cylindrical bars during dipping, is made up principally of a series of rings (1), of appropriate diameter and axial displacement, into which the bar to be treated is introduced, supported during rotation before and after immersion in the dipping fluid.

IPC 1-7

C21D 1/63; **C21D 9/00**

IPC 8 full level

C21D 1/63 (2006.01); **C21D 9/00** (2006.01)

CPC (source: EP)

C21D 1/63 (2013.01); **C21D 9/0075** (2013.01); **C21D 9/0018** (2013.01)

Citation (search report)

- [A] EP 0172250 A1 19860226 - KAWASAKI STEEL CO [JP]
- [A] US 3812909 A 19740528 - GRODZITSKY E, et al
- [A] FR 1548165 A 19681129

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 1055737 A1 20001129; **EP 1055737 B1 20040414**; DE 69916426 D1 20040519

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