

Title (en)

ONE PIECE SUPPORT WITH SEVERAL LEVELS FOR THE THERMAL TREATMENT OF SHAFTS OR AXLES

Publication

**EP 0324183 B1 19930317 (FR)**

Application

**EP 88121890 A 19881230**

Priority

FR 8800451 A 19880115

Abstract (en)

[origin: EP0324183A1] Support for thermal treatment of parts (1), such as shafts or axles, in vertical position, characterised in that it comprises a one- piece assembly (4) in the form of a plate which connects simultaneously an upper level (5) formed by support orifices (7, 8), possibly on a number of alternate levels (8a, 8b), for the support and direct centring of the lower end (10) of the parts (1), these orifices (7, 8) being connected by horizontal ribs (9, 9a), a lower level (6), also formed by orifices (11, 12) and ribs (13, 13a), and vertical pillars (14) connecting these ribs (9, 9a; 13, 13a) of one level and another, while allowing large openings (15) to subsist for circulation of the fluids. <IMAGE>

IPC 1-7

**C21D 9/00**; **F27D 3/12**; **F27D 5/00**

IPC 8 full level

**C21D 1/00** (2006.01); **C21D 9/00** (2006.01); **C21D 9/28** (2006.01); **F27D 3/12** (2006.01); **F27D 5/00** (2006.01)

CPC (source: EP US)

**C21D 9/0025** (2013.01 - EP US); **F27D 5/005** (2013.01 - EP US)

Cited by

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