

Title (en)

Heat treatment installation for a batch of metallic workpieces

Title (de)

Wärmebehandlungsanlage für eine Charge metallischer Werkstücke

Title (fr)

Installation pour le traitement thermique d'une charge de pièce métalliques

Publication

EP 0995805 B1 20030528 (FR)

Application

EP 98811062 A 19981023

Priority

EP 98811062 A 19981023

Abstract (en)

[origin: EP0995805A1] Installation for thermal treatment of metallic parts comprises: a first assembly with at least one furnace, and a second assembly with at least one jig; one of the two assemblies is attached to a fixed structure (12) and the other assembly is connected to a moving structure (13) relatively to the fixed structure; couplings (16,17,18) are arranged between the two assemblies for placing one jig (6,7) facing one furnace while avoiding oxidation of the metallic part surface.

IPC 1-7

C21D 9/00

IPC 8 full level

C21D 9/00 (2006.01); **F27D 99/00** (2010.01); **F27B 9/16** (2006.01); **F27B 17/00** (2006.01); **F27D 3/00** (2006.01); **F27D 7/06** (2006.01); **F27D 9/00** (2006.01)

CPC (source: EP)

C21D 9/00 (2013.01); **C21D 9/0037** (2013.01); **F27D 99/0073** (2013.01); **F27B 9/16** (2013.01); **F27B 2017/0091** (2013.01); **F27D 7/06** (2013.01); **F27D 2003/0036** (2013.01); **F27D 2003/0075** (2013.01); **F27D 2009/0089** (2013.01)

Cited by

US9804114B2; US10349873B2; US9986942B2; US11373347B2; US11246990B2; US11382539B2; US11000215B1; US11020031B1; US9833143B2; US10327638B2; US10813577B2; US10966609B2; US11331022B2; US11564602B2; US10980461B2; US11432772B2; US11559260B2; US10231654B2; US10952652B2; US11102306B2; US11103165B2; US11272867B2; US11363975B2; US11399748B2; US11911151B1; US9610034B2; US9649069B2; US9724045B1; US9750460B2; US10653835B2; US10835672B2; US11160926B1; US11589823B2; US11744943B2; US10201301B2; US10478108B2; US10610135B2; US10610136B2; US10610137B2; US10617336B2; US10709364B2; US10716498B2; US10743801B2; US10856787B2; US10898114B2; US10918318B2; US10918317B2; US10918316B2; US10925524B2; US11000213B2; US11051726B2; US11350862B2; US11382540B2; US11706876B2; US11943876B2; US9610031B2; US9750441B2; US9814414B2; US9895089B2; US10524703B2; US10709362B2; US10709363B2; US10722152B2; US10786185B2; US10799159B2; US10799158B2; US10813576B2; US10827956B2; US10898113B2; US10918314B2; US10918315B2; US10918313B2; US10932700B2; US10980452B2; US10993641B2; US10993642B2; US11026605B1; US11045120B2; US11064917B2; US11638541B2; US11883164B2

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