

Title (en)  
HEAT TREATMENT METHOD AND HEAT TREATMENT DEVICE

Title (de)  
WÄRMEBEHANDLUNGSVERFAHREN UND WÄRMEBEHANDLUNGSVORRICHTUNG

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE TRAITEMENT THERMIQUE

Publication  
**EP 3408417 A1 20181205 (DE)**

Application  
**EP 17703346 A 20170125**

Priority  
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• EP 2017051514 W 20170125

Abstract (en)  
[origin: CN206204366U] The utility model provides a heat treatment device (100), has first smelting pot (110) for heat steel (200) to being higher than the temperature below the AC3 temperature, its characterized in that: heat treatment device (100) also have the station of processing (150) and second smelting pot, wherein handle station (150) including a device that makes one or more second area (220) the quick rapid cooling of steel (200).

IPC 8 full level  
**C21D 8/00** (2006.01); **C21D 1/19** (2006.01); **C21D 1/673** (2006.01); **C21D 9/00** (2006.01)

CPC (source: AT EP KR US)  
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Citation (search report)  
See references of WO 2017129603A1

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BA ME

DOCDB simple family (publication)  
**DE 202016104191 U1 20170427**; AT 15722 U1 20180415; BR 112018015072 A2 20181211; BR 112018015072 B1 20220303; CN 109072325 A 20181221; CN 109072325 B 20210402; CN 206204366 U 20170531; DE 102016201024 A1 20170727; EP 3408417 A1 20181205; EP 3408417 B1 20220413; EP 3851546 A1 20210721; ES 2920485 T3 20220804; HU E059496 T2 20221128; JP 2019506531 A 20190307; JP 6940509 B2 20210929; KR 20180117111 A 20181026; MX 2018009036 A 20190110; PL 3408417 T3 20220829; PT 3408417 T 20220704; US 11359254 B2 20220614; US 2019032163 A1 20190131; WO 2017129603 A1 20170803

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**DE 202016104191 U 20160729**; AT 2042016 U 20160823; BR 112018015072 A 20170125; CN 201621047930 U 20160908; CN 201780008221 A 20170125; DE 102016201024 A 20160125; EP 17703346 A 20170125; EP 2017051514 W 20170125; EP 21162238 A 20170125; ES 17703346 T 20170125; HU E17703346 A 20170125; JP 2018538675 A 20170125; KR 20187024556 A 20170125; MX 2018009036 A 20170125; PL 17703346 T 20170125; PT 17703346 T 20170125; US 201716072631 A 20170125