

Title (en)

Installation for the thermal treatment of successive charges

Title (de)

Wärmebehandlungsanlage für aufeinanderfolgende Chargen

Title (fr)

Installation pour le traitement thermique de charges successives

Publication

EP 0533615 B1 19970723 (FR)

Application

EP 92810469 A 19920618

Priority

CH 278291 A 19910919

Abstract (en)

[origin: EP0533615A1] The charging trolley (25) brings the charge and deposits it on the plug (10) of the oven (1). <??>The introduction of the charge into the oven (1) and its closure are performed by the action of the lift (12) which comes down again after the treatment to an intermediate position, from which the oven (1) can be moved horizontally, the lower belt (4) pushing the base grid of the charge onto the lid (17) and the tray (22) of the lift (18) placed in upper position. The lid (17) ensures that the oven opening is sealed against the gases for protecting the charge. <??>This lift makes it possible to introduce the charge into the quenching tank and then to return it into a draining position and to deposit it on the discharging trolley (38) travelling on the line (36, 37). <IMAGE>

IPC 1-7

C21D 9/00; **C21D 1/74**; **F27D 3/12**

IPC 8 full level

C21D 1/74 (2006.01); **C21D 9/00** (2006.01)

CPC (source: EP US)

C21D 1/74 (2013.01 - EP US); **C21D 9/0018** (2013.01 - EP US)

Citation (examination)

- EP-A- 0 296 102
- AT-A- 167 102
- CH-A- 478 918
- FR-A- 995 298
- FR-A- 2 355 261
- US-A- 4 415 145

Cited by

DE102005041233B4; EP0785402A1; EP0806485A1; EP1018562A1; EP0805218A1

Designated contracting state (EPC)

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EP 0533615 A1 19930324; **EP 0533615 B1 19970723**; AT E155822 T1 19970815; CA 2072896 A1 19930320; CA 2072896 C 19960820; DE 69221050 D1 19970828; DE 69221050 T2 19971113; ES 2106160 T3 19971101; US 5265851 A 19931130

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EP 92810469 A 19920618; AT 92810469 T 19920618; CA 2072896 A 19920702; DE 69221050 T 19920618; ES 92810469 T 19920618; US 90899492 A 19920706