Title (en)

HIGH-TEMPERATURE FURNACE FOR ANNEALING SHEET METAL PACKETS

Title (de)

HOCHTEMPERATUROFEN ZUR GLÜHBEHANDLUNG VON BLECHBUNDEN

Title (fr)

FOUR À HAUTE TEMPÉRATURE POUR LE TRAITEMENT DE RECUIT DE PAQUETS DE TÔLE

Publication

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Application

EP 10710150 A 20100303

Priority

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- AT 4052009 A 20090313

Abstract (en)

[origin: CA2755138A1] A high-temperature furnace for annealing sheet metal packets (4) is described, comprising an annealing base (2), a carrying apparatus (3) which forms a support surface (17) for coaxially receiving a sheet metal packet (4) at a distance above the annealing base (2), a protective hood (6) which coaxially encloses the annealing base (2) with the carrying apparatus (3) and is connected to a protective gas vent and which is composed of a cylindrical jacket (7) and a dome (16) closing off the jacket (7) at the top, further comprising a peripheral seal (9) between the annealing base (2) and the protective hood (6), and a heating hood (13) that encloses the protective hood (6) at a distance. In order to achieve uniform heating of the annealing product, it is proposed that the axial jacket section of the protective hood (6) determined by the height distance (h) of the support surface (17) of the carrying apparatus (3) from the annealing base (2) has a surface which accounts for at least three quarters of the dome surface.

IPC 8 full level

F27B 11/00 (2006.01)

CPC (source: EP KR US)

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