

Title (en)
Gas atmosphere heating furnace.

Title (de)
Schutzgasofen.

Title (fr)
Four à atmosphère contrÔlée.

Publication
EP 0167689 A1 19860115 (EN)

Application
EP 84304752 A 19840711

Priority
EP 84304752 A 19840711

Abstract (en)
In a continuous heating furnace, particularly in a preheating chamber (A) thereof, forced hot gas flow of an atmosphere gas is caused to take place to heat articles rapidly. The gas flow which takes place transversely to a longitudinal axis of the furnace, retards an axial flow of the atmosphere gas. This retardation is lessened by having the gas flow partially diverted as branch streams towards an intake opening of the furnace by means of novel baffle plate or vane means (4) which are provided in the preheating chamber (A) so as to be outside the path (10) of motion of articles through the chamber (A) and within the hot gas flow paths.

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F27B 9/30; F27D 7/04; C21D 9/00; B23K 1/00

IPC 8 full level
F27B 9/30 (2006.01)

CPC (source: EP)
F27B 9/3005 (2013.01)

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• [Y] GB 2045137 A 19801029 - AIRCO INC
• [Y] FR 2512715 A1 19830318 - CHAUSSON USINES SA [FR]
• [Y] DE 2712842 A1 19780928 - KI VNI I PK I AVTOMATIZACII PR
• [A] DE 3982887 A

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CN104400172A; EP1712319A1; IT201700045246A1; CN112815720A

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DE FR GB

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