

Title (en)  
COILER FURNACE

Publication  
**EP 0166712 B1 19870819 (DE)**

Application  
**EP 85890102 A 19850502**

Priority  
AT 197184 A 19840618

Abstract (en)  
[origin: US4611988A] For a heating of a coil of strip with hot gas without an increased formation of scale, a coiler-furnace unit comprising a heat-insulating housing, a coiler mandrel disposed in said housing, and a heating tube which is adapted to surround the coiler mandrel and to heat the latter, is characterized in that the heating tube consists of a radiant inner tube, which is enclosed by a shell, at least one hot gas passage is defined between the inner tube and the shell, the heat-insulating housing is double-walled to define at least one flow passage, and the outlet opening of the hot gas passage of the heating tube communicates with an inlet opening of the flow passage of the heat-insulating housing in at least one axial position of the heating tube.

IPC 1-7  
**C21D 9/68**

IPC 8 full level  
**C21D 9/08** (2006.01); **C21D 9/68** (2006.01)

CPC (source: EP US)  
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