

Title (en)
Radiant tube system for heating furnaces.

Title (de)
Strahlungs-Röhrensystem für Heizöfen.

Title (fr)
Système de tubes radiants pour fours de chauffage.

Publication
EP 0383687 B1 19940608 (FR)

Application
EP 90400409 A 19900214

Priority
FR 8902117 A 19890217

Abstract (en)
[origin: EP0383687A1] System of radiant tubes of the type of double-pin or W type used in heating furnaces, in particular in furnaces for heating metal bands passing continuously, for carrying out the heat transfer between the combustion gases emitted by a burner and the products to be heated, characterised in that - the burner (14) is positioned in the cold part of the tubes (10), that is to say in the lower branch (16) of said tubes; - the support device of the cold bend (22) in the upper part of the tubes is made in the form of a simple support (26, 28); - the cold bend (22) and the hot bend (18) are interconnected without an intermediate welded piece, and - the intermediate bend (20) and the lower tube (16) are interconnected with adjustable play between these two elements. <IMAGE>

IPC 1-7
F27B 9/06; F23C 3/00

IPC 8 full level
F16L 51/00 (2006.01); **F23C 3/00** (2006.01); **F23D 14/12** (2006.01); **F27B 9/06** (2006.01); **F27B 9/22** (2006.01)

CPC (source: EP US)
F23C 3/002 (2013.01 - EP US); **F27B 9/068** (2013.01 - EP US); **F28F 9/013** (2013.01 - EP US)

Cited by
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