

Title (en)
ZINC COATING FURNACE

Title (de)
VERZINKUNGSOFEN

Title (fr)
FOUR DE GALVANISATION

Publication
EP 3252412 B1 20210331 (DE)

Application
EP 17165210 A 20170406

Priority
DE 102016110170 A 20160602

Abstract (en)
[origin: US2017349990A1] A galvanizing furnace (1) with a galvanizing vat (6) and a furnace housing (2) surrounding the galvanizing vat (6), which furnace housing has a rectangular cross-section. The furnace housing (2) has two opposite longitudinal sidewalls (4) and two opposite end walls (5) and further comprises burners for heating molten zinc in the galvanizing vat (6). In the areas of two diagonally opposite corners of the furnace housing (2), at least one first receptacle (15) is provided for a burner. In the areas of the other two diagonally opposite corners of the furnace housing (2), a second receptacle (16) is provided for a burner. The burners are arranged optionally either in the first receptacles (15) or in the second receptacles (16). Flames produced by the burners are conducted in the area between a longitudinal sidewall (4) of the furnace housing (2) and the opposite wall of the galvanizing vat (6).

IPC 8 full level
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CPC (source: CN EP US)
C23C 2/0036 (2022.08 - CN EP US); **C23C 2/06** (2013.01 - CN US); **C23C 2/40** (2013.01 - US); **C23C 2/522** (2022.08 - CN EP US); **F27B 9/145** (2013.01 - EP US); **F27B 9/28** (2013.01 - EP US); **F27B 9/36** (2013.01 - EP US); **F27B 9/40** (2013.01 - EP US); **F27B 14/14** (2013.01 - EP US); **F27B 14/143** (2013.01 - EP US); **F27D 21/0021** (2013.01 - EP US); **F27D 99/0033** (2013.01 - EP US); **F27B 2009/3646** (2013.01 - EP US)

Cited by
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