

Title (en)
SLAB HEATING FURNACE

Publication
EP 0017830 B1 19840613 (EN)

Application
EP 80101690 A 19800328

Priority
• JP 3823279 A 19790330
• JP 4181979 U 19790330

Abstract (en)
[origin: EP0017830A1] In a slab heating furnace of the walking beam or pusher type, particularly for the heating of steel prior to the hot working of the steel, skid beams (31, 32, 37) are supported by water-cooled posts (19, 24). In order to reduce the number of the water-cooled posts (19, 24) as against that in the prior art, a post head (35) having a troughshaped portion is stationarily located on each of the posts. The length (1) of the post head (35) is greater than the outer diameter of the post (19, 24) provided with said post head (35). The total withdrawal of heat from the heated steel to all of the post heads (35) is somewhat small because the number of posts (19, 24) is reduced as against that of the prior art due to the structure of the post heads (35). The posts (19, 24) are preferably arranged in a zigzag pattern.

IPC 1-7
F27D 3/02; **F27B 9/24**; **C21D 9/00**

IPC 8 full level
C21D 9/00 (2006.01); **F27B 9/20** (2006.01); **F27B 9/22** (2006.01); **F27D 3/02** (2006.01); **C21D 8/12** (2006.01)

CPC (source: EP)
C21D 9/0081 (2013.01); **F27B 9/201** (2013.01); **F27B 9/22** (2013.01); **F27D 3/02** (2013.01); **C21D 8/1205** (2013.01)

Cited by
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