

Title (en)

Bogie type furnace.

Title (de)

Tunnelofen mit Durchlaufwagen.

Title (fr)

Tour-tunnel avec chariots.

Publication

**EP 0079803 A2 19830525 (EN)**

Application

**EP 82306117 A 19821117**

Priority

GB 8134659 A 19811118

Abstract (en)

This invention relates to a bogie type furnace having a bogie 4 movable into and out of a furnace chamber zone 3 between opposed furnace walls 1 of a main furnace structure. Known furnaces have poor sealing systems. According to the present invention the bogie 4 has an outwardly extending edge portion with a downwardly facing surface and the main furnace structure has inwardly extending downwardly facing surfaces 9 at or in proximity to said opposed walls 1, said respective downwardly facing surfaces 9 being formed and arranged so as to be at substantially the same level and to define a small clearance 8 between their opposed free edges in an inserted operational position of the bogie 4 in the firing chamber zone 3. At least one of said bogie 4 and main furnace structure 1 is provided with a sealing means support 12 supporting an upwardly facing heat resistant sealing means 10 so as to be movable between a sealing position with said sealing means 10 in sealing engagement with said downwardly facing surfaces 9 of both the bogie 4 and main furnace structure 1 to seal the clearance 8 therebetween and an open position in which said sealing means 10 is spaced from said downwardly facing surfaces 9.

IPC 1-7

**F27B 9/30**; **F27D 3/12**

IPC 8 full level

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CPC (source: EP)

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