

Title (en)
OVEN INSTALLATION WITH AN OVEN AND A CONVEYOR

Publication
EP 0127075 B1 19880629 (DE)

Application
EP 84105600 A 19840517

Priority
DE 3319396 A 19830528

Abstract (en)
[origin: EP0127075A2] 1. Furnace installation with a heatable furnace, in particular enamelling furnace, and a conveying equipment, which is constructed as roller track, in particular endless, and on which goods carriers loaded with pieces of goods automatically or by hand are carried through the furnace, wherein the individual rollers penetrate the side walls of the furnace and are outside the furnace connected with a drive and provided with a bearing, characterized thereby, that the rollers (2) of the roller track at least in the hot zone (17) of the furnace (10) display at least such a length within the clear furnace width that goods carriers (3) can be guided one past the other in opposite conveying direction (7, 8), that an inlet track (5) and an outlet track (6) are provided each lying beside the other by the roller track in the hot zone of the furnace (10), that rolling cylinders (21), the length of which corresponds to about the width of a goods carrier (3) and which each rest on respective two neighbouring rollers (2) are provided several times in the region of the inlet track (5) or the outlet track (6) and that a transfer equipment (2) for the goods carriers (3) loaded with the pieces of goods (4) is provided between the end of the inlet track (5) and the beginning of the outlet track (6) in the region of the head end, constructed to be closed, of the furnace (10).

IPC 1-7
F27B 9/24; **F27B 9/02**; **B65G 13/00**; **C23D 9/04**

IPC 8 full level
B65G 13/00 (2006.01); **C23D 9/04** (2006.01); **F27B 9/02** (2006.01); **F27B 9/24** (2006.01)

CPC (source: EP)
F27B 9/023 (2013.01); **F27B 9/2407** (2013.01)

Cited by
US2018258506A1; GB2210681A; FR2815400A1; EP0645206A1; WO9515472A1; WO2011094785A1

Designated contracting state (EPC)
AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0127075 A2 19841205; **EP 0127075 A3 19860827**; **EP 0127075 B1 19880629**; AT E35455 T1 19880715; DE 3319396 A1 19841129; DE 3319396 C2 19850404

DOCDB simple family (application)
EP 84105600 A 19840517; AT 84105600 T 19840517; DE 3319396 A 19830528