

Title (en)
DISKROLLER FOR A ROLLER HEARTH FURNACE

Publication
EP 0444312 B1 19931013 (DE)

Application
EP 90125531 A 19901227

Priority
DE 4005900 A 19900224

Abstract (en)
[origin: EP0444312A1] The disc roller has an insulated and cooled support tube (1) which is equipped with a large number of discs (3). Each disc is supported on two lateral guide devices (5, 6) and is connected to these by axial bolts (7). Between the discs and the support tube, there is formed a cavity which is delimited laterally by the guide devices and is preferably filled with insulating material (8). The disc roller is characterised by very good thermal and transport characteristics. <IMAGE>

IPC 1-7
F27D 3/02

IPC 8 full level
F27D 3/02 (2006.01)

CPC (source: EP)
F27D 3/026 (2013.01)

Cited by
EP1197721A1; EP1751319A4; EP0642652A4; EP1134531A1; DE10012940A1; EP0851195A1; US5918719A; US6638472B2; US10088237B2

Designated contracting state (EPC)
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EP 0444312 A1 19910904; EP 0444312 B1 19931013; AT E95915 T1 19931015; DE 4005900 A1 19910829; DE 59003089 D1 19931118

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