

Title (en)

Furnace for the thermal treatment of waste and process therefor

Title (de)

Ofen zur thermischen Behandlung von Abfällen und Verfahren

Title (fr)

Four de traitement thermique de déchets et procédé associé

Publication

EP 0686686 B1 20000126 (FR)

Application

EP 95401182 A 19950522

Priority

FR 9407220 A 19940610

Abstract (en)

[origin: EP0686686A1] Waste travels along a rotating cylinder inside a combustion chamber. Combustible pyrolysis gases from the waste are piped to a nozzle (9b) in the combustion chamber. Air is admitted through two nozzles (9a,15). All three nozzles are oriented tangentially to the cylinder so that the flames travel helically along the cylinder. <IMAGE>

IPC 1-7

C10B 1/10; F27B 7/08

IPC 8 full level

F24C 7/08 (2006.01); **C10B 1/10** (2006.01); **C10B 47/30** (2006.01); **F27B 7/08** (2006.01); **H05B 6/68** (2006.01)

CPC (source: EP US)

C10B 1/10 (2013.01 - EP US); **C10B 47/30** (2013.01 - EP US); **F27B 7/08** (2013.01 - EP US); **H05B 6/6435** (2013.01 - EP US); **H05B 6/6458** (2013.01 - EP US)

Cited by

EP0892029A1; BE1011276A3; US10000472B2; US10005763B2; US10501446B2; US10532997B2; US10532998B2

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EP 95401182 A 19950522; AT 95401182 T 19950522; CN 95106434 A 19950608; DE 69514718 T 19950522; FR 9407220 A 19940610; PL 30902695 A 19950609; US 48911995 A 19950609