

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 A1 19951213 (FR)

Application
EP 95401182 A 19950522

Priority
FR 9407220 A 19940610

Abstract (en)
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>

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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)

Citation (applicant)
• FR 2668774 A1 19920507 - INST FRANCAIS DU PETROLE [FR]
• FR 9406660 A 19940530

Citation (search report)
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• [A] DE 3741623 A1 19890615 - SALZGITTER AG [DE]
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• [A] FR 2166516 A5 19730817 - NIKITENKO GRIGORY, et al
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DE 69514718 D1 20000302; DE 69514718 T2 20000928; FR 2721095 A1 19951215; FR 2721095 B1 19960823; PL 176676 B1 19990730;
PL 309026 A1 19951211; US 5657705 A 19970819

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