

Title (en)
HEAT EXCHANGE MEDIA IN REGENERATIVE THERMAL OXIDIZERS

Title (de)
WÄRMETAUSCHERMEDIUM IN REGENERATIVEN THERMISCHEN OXIDIERERN

Title (fr)
PARTICULES PROFILEES UTILISEES COMME AGENTS CALOPORTEURS DANS DESSYSTEMES D'OXYDATION THERMIQUE A RECUPERATION

Publication
EP 0871842 A4 20000202 (EN)

Application
EP 96918318 A 19960604

Priority
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• US 47221895 A 19950607
• US 57239195 A 19951214

Abstract (en)
[origin: WO9641110A1] A heat exchanger for a regenerative thermal oxidizer (1) is described which includes at least one heat exchange column (5) provided with a bed of packing material (7) of specially shaped and sized particles, each particle being formed of a high temperature stable material and preferably having a cylindrical outer wall and internal reinforcing vanes extending from the cylindrical outer wall to the center of the particle.

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F23G 7/063 (2013.01); **F23G 7/068** (2013.01); **F27D 17/008** (2013.01); **F28D 17/005** (2013.01)

Citation (search report)
• [XY] US 4510263 A 19850409 - PEREIRA CARMO J [US], et al
• [XY] GB 2224341 A 19900502 - REGENERATIVE ENVIRON EQUIP [US]
• [A] WO 9414008 A1 19940623 - THERMATRIX INC [US]
• [A] EP 0629432 A1 19941221 - GRACE W R & CO [US]
• [A] US 5069688 A 19911203 - WELLS ALAN A [GB]
• See references of WO 9641110A1

Designated contracting state (EPC)
DE FR GB IT

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