

Title (en)
Heating apparatus.

Title (de)
Heizvorrichtung.

Title (fr)
Appareil de chauffage.

Publication
EP 0017499 A1 19801015 (EN)

Application
EP 80301094 A 19800403

Priority
GB 7911759 A 19790404

Abstract (en)
Apparatus for heating material such as asphalt for filling potholes in which a drum (12) is rotatable about its axis (13) and has an outlet opening (15) at one end and a port (17) at the other end. An auger (36,37) is mounted within the drum (12) so that when the drum (12) is rotated in one direction material is discharged through the outlet opening end (15) and when it is rotated in the other direction it is moved away from the outlet opening (15). A flashback condition burner (18) is mounted with its discharge opening (18A) in the port (17) to discharge fully combusted hot gas into the drum to heat material therein. The burner can be dismounted to preheat and clean out a pothole in a road surface.

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E01C 19/10; E01C 19/08; E01C 23/06; E01C 23/14

IPC 8 full level
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CPC (source: EP)
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Citation (search report)

- [P] DE 2902493 A1 19790726 - MENDENHALL ROBERT LA MAR
- FR 914192 A 19461001
- US 1713222 A 19290514 - GREENE FRED E
- US 3674242 A 19720704 - STEWART CLARENCE K
- US 4130364 A 19781219 - BROWN RALPH E
- US 2833187 A 19580506 - WELLS IRA M, et al
- [D] GB 521990 A 19400605 - LAURENCE ARTHUR LEECH, et al
- DE 1994728 U 19681017 - GOUBEAUD KARL [DE]
- [A] DE 1409015 A1 19681114 - ENDRESS AG AUTOGEN
- [A] DE 838451 C 19520508 - CAMILLE GABRIEL HENRI RIEUX
- [A] GB 917528 A 19630206 - MUNICIPAL APPLIANCES COMPANY L
- [A] US 2532994 A 19501205 - CHAUSSE WILFRED G

Cited by
CN110004811A; CN114606846A; FR2500503A1; US4462690A

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