

Title (en)
ELECTRIC COOKING PLATE

Publication
EP 0386533 A3 19920401 (DE)

Application
EP 90103389 A 19900222

Priority
DE 3907029 A 19890304

Abstract (en)
[origin: JPH02279924A] PURPOSE: To obtain a large capacity hotplate by providing a bearing ring with a collecting depression extending circularly between the hotplate body and the support surface. CONSTITUTION: A shallow collecting depression 13 is provided between two ring-like profiles 11, 12 while extending peripherally. It has a substantially continuous flat bottom 14 tapering outward at an angle of 15 deg. or more, preferably 45 deg., on each side through inclining part 15 or 16. A supporting ring 10 serves as a radiator except a shield between the hotplate body 23 and a fixing plate. Consequently, the supporting ring is only one supporting part of the hotplate for the fixing plate at a temperature of 400 deg.C in the vicinity of the hotplate body and at a temperature of 200 deg.C in the vicinity of the fixing plate.

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F24C 15/10

IPC 8 full level
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CPC (source: EP US)
F24C 15/102 (2013.01 - EP US); **F24C 15/108** (2013.01 - EP US); **H05B 3/72** (2013.01 - EP US)

Citation (search report)
• [X] DE 8717025 U1 19880623
• [X] DE 2407582 A1 19750828 - LICENTIA GMBH
• [X] GB 1093485 A 19671206 - SIMPLEX ELECTRIC CO LTD
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Cited by
EP2995867A1; WO2013075970A1; WO2007033819A1

Designated contracting state (EPC)
DE ES FR GB IT SE

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