

Title (en)

Improvements in or relating to the heating of substances.

Title (de)

Erwärmen von Gegenständen.

Title (fr)

Chaussage de produits.

Publication

EP 0372850 A1 19900613 (EN)

Application

EP 89312553 A 19891201

Priority

- GB 8828216 A 19881202
- GB 8828217 A 19881202

Abstract (en)

The surface of a substance (19) is heated by locating it at one focal point (6) of an elliptical reflector (3) and subjecting it to radiation from a source (4) located at the other focal point (4A). Relative movement between the reflector and the surface may be effected to heat successive portions of the surface. The substance to be heated may be a metal which is subsequently welded.

IPC 1-7

C21D 1/30; C21D 1/34; C21D 9/50

IPC 8 full level

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CPC (source: EP)

C21D 1/30 (2013.01); **C21D 1/34** (2013.01); **C21D 9/50** (2013.01)

Citation (search report)

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- [A] DE 863204 C 19530115 - RHEINISCHE ROEHRENWERKE AG
- [Y] PATENT ABSTRACTS OF JAPAN, vol. 11, no. 163 (C-424)[2610], 26th May 1987; & JP-A-61 291 918 (NIPPON FURNACE) 22-12-1986

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DE FR NL

DOCDB simple family (publication)

EP 0372850 A1 19900613; GB 2225549 A 19900606; GB 2225642 A 19900606; GB 2225642 B 19920909; GB 8927166 D0 19900131;
GB 8927167 D0 19900131; NL 8902971 A 19900702

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EP 89312553 A 19891201; GB 8927166 A 19891201; GB 8927167 A 19891201; NL 8902971 A 19891201