

Title (en)

GAS SAMPLING AND TEMPERATURE MEASURING PROBE IN A SHAFT FURNACE

Publication

EP 0056943 B1 19841031 (FR)

Application

EP 82100133 A 19820111

Priority

LU 83087 A 19810123

Abstract (en)

[origin: ES8301355A1] Plural gas samples are simultaneously collected and the temperature at each sampling point accurately measured by means of a probe which may be inserted into the furnace charge. The probe is constructed so as to facilitate assembly and repair while insuring against relative motion of the various components thereof as a result of imposed vibrations and thermally induced expansion.

IPC 1-7

C21B 7/24

IPC 8 full level

C21B 7/24 (2006.01)

CPC (source: EP US)

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Cited by

EP0141115A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0056943 A2 19820804; EP 0056943 A3 19820818; EP 0056943 B1 19841031; AT E10113 T1 19841115; AU 551025 B2 19860417; AU 7952382 A 19820729; BR 8200395 A 19821123; CA 1168897 A 19840612; DE 3261083 D1 19841206; ES 508962 A0 19821216; ES 8301355 A1 19821216; JP H02140957 U 19901126; JP S57143410 A 19820904; LU 83087 A1 19820910; US 4403516 A 19830913; ZA 82224 B 19821124

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EP 82100133 A 19820111; AT 82100133 T 19820111; AU 7952382 A 19820114; BR 8200395 A 19820121; CA 394368 A 19820118; DE 3261083 T 19820111; ES 508962 A 19820122; JP 4636790 U 19900427; JP 943182 A 19820122; LU 83087 A 19810123; US 34036282 A 19820118; ZA 82224 A 19820113