

Title (en)

Pulsed sun simulator with improved homogeneity

Title (de)

Gepulster Sonnensimulator mit verbesserter Homogenität

Title (fr)

Simulateur du soleil pulsé à homogénéité améliorée

Publication

EP 1447615 B1 20090909 (DE)

Application

EP 04003125 A 20040212

Priority

DE 10306150 A 20030214

Abstract (en)

[origin: EP1447615A2] Sun simulator has a pulsed radiation source (1) for generation of electromagnetic radiation and at least a reflector (7) that reflects the radiation in the output direction (10). The reflector element is arranged at least partially adjoining the radiation source, is at least partially metallic and receives at least a part of the striking voltage applied to the radiation source.

IPC 8 full level

F21S 8/00 (2006.01); **G01J 1/00** (2006.01); **G01M 11/00** (2006.01); **F21V 7/22** (2006.01); **F21V 14/08** (2006.01)

CPC (source: EP US)

F21S 8/006 (2013.01 - EP US); **F21V 7/24** (2018.01 - EP US); **F21V 7/28** (2018.01 - EP US); **F21V 14/08** (2013.01 - EP US); **F21Y 2103/30** (2016.07 - EP US)

Cited by

CN102252826A; CN102353884A

Designated contracting state (EPC)

DE FR IT NL

DOCDB simple family (publication)

EP 1447615 A2 20040818; **EP 1447615 A3 20070627**; **EP 1447615 B1 20090909**; DE 10306150 A1 20040902; DE 10306150 B4 20100819; DE 502004010016 D1 20091022; US 2004223325 A1 20041111; US 7067831 B2 20060627

DOCDB simple family (application)

EP 04003125 A 20040212; DE 10306150 A 20030214; DE 502004010016 T 20040212; US 77789704 A 20040213