

Title (en)

METHOD FOR OBTAINING A PHASE IMAGE FROM AN INTENSITY IMAGE

Title (de)

VERFAHREN ZUM ERHALTEN EINES PHASENBILDES AUS EINEM INTENSITÄTSBILD

Title (fr)

OBTENTION D'UNE IMAGE DE PHASE A PARTIR D'UNE IMAGE D'INTENSITE

Publication

**EP 1853888 A1 20071114 (FR)**

Application

**EP 06709243 A 20060203**

Priority

- FR 2006000254 W 20060203
- FR 0501082 A 20050203

Abstract (en)

[origin: FR2881520A1] The method involves applying two filters to corresponding integral transform representation, where the filters are measurements of a representation of a Green function in an Eigen function space of a separable coordinated Helmholtz equation. One transform representation is produced by transforming measurement of intensity variation. Another transform representation is produced by transforming corrected non transform representation. The corrected non transform representation is produced by applying a correction, based on intensity measurement on a selected surface, to a non transform representation. Independent claims are also included for the following: (1) a computer program for executing steps of retrieval method (2) an apparatus for retrieving phase of radiation wave field.

IPC 8 full level

**G01J 9/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

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DOCDB simple family (publication)

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