

Title (en)

CLUTTER SUPPRESSION IN ULTRASONIC IMAGING SYSTEMS

Title (de)

STÖRECHOUNTERDRÜCKUNG IN ULTRASCHALLABBILDUNGSSYSTEMEN

Title (fr)

SUPPRESSION DU FOUILLIS DANS DES SYSTÈMES D'IMAGERIE ULTRASONORE

Publication

**EP 2820445 A2 20150107 (EN)**

Application

**EP 13707439 A 20130116**

Priority

- US 201213408136 A 20120229
- IB 2013050392 W 20130116

Abstract (en)

[origin: WO2013128301A2] A method of ultrasound imaging is provided herein. The method includes the following stages: transmitting ultrasound radiation towards a target and receiving reflections of the ultrasound radiation from a region of the target in a main reflected signal and one or more auxiliary reflected signals, wherein each one of the reflected signals comprises an input dataset and is associated with a beam with a different and distinct beam pattern; compounding the input datasets from the main reflected signal and one or more auxiliary reflected signals, by the use of a compounding function, said compounding function using parameters derived from spatial analysis of the input datasets.

IPC 8 full level

**G01S 7/52** (2006.01)

CPC (source: CN EP)

**A61B 8/00** (2013.01 - CN); **G01S 7/52026** (2013.01 - CN EP); **G01S 7/52046** (2013.01 - CN EP); **G01S 7/52077** (2013.01 - CN EP)

Citation (search report)

See references of WO 2013128301A2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2013128301 A2 20130906**; **WO 2013128301 A3 20131107**; CN 104272134 A 20150107; CN 104272134 B 20170531; EP 2820445 A2 20150107

DOCDB simple family (application)

**IB 2013050392 W 20130116**; CN 201380022661 A 20130116; EP 13707439 A 20130116