

Title (en)  
DEVICE FOR MEASURING DISTANCE

Title (de)  
VORRICHTUNG ZUR ENTFERNUNGSMESSUNG

Title (fr)  
DISPOSITIF DE MESURE DE DISTANCE

Publication  
**EP 2126604 A1 20091202 (DE)**

Application  
**EP 07847784 A 20071204**

Priority  
• EP 2007063283 W 20071204  
• DE 102006061725 A 20061228

Abstract (en)  
[origin: DE102006061725A1] The device (10) has a distance measuring module (16) for transmitting a high frequency measuring signal for range finding, where the measuring signal lies in a frequency range of greater than or equal to 100 gigahertz. An operating unit (14) activates the range finding, and an output unit (12) reproduces a range finding value. High frequency components generating a measuring signal are integrated on/in a semiconductor element e.g. integrated circuit (IC). A substrate of the semiconductor element is comprised of silicon germanium.

IPC 8 full level  
**G01S 13/08** (2006.01); **G01S 7/02** (2006.01)

CPC (source: EP)  
**G01C 3/08** (2013.01); **G01S 7/003** (2013.01); **G01S 7/02** (2013.01); **G01S 13/08** (2013.01); **G01S 13/87** (2013.01)

Citation (search report)  
See references of WO 2008080739A1

Citation (examination)  
DE 102005004321 A1 20060810 - BOSCH GMBH ROBERT [DE]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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