

Title (en)  
INDOOR RADIO MAP VERIFICATION

Title (de)  
ÜBERPRÜFUNG EINER FUNKKARTE IN EINEM INNENBEREICH

Title (fr)  
VÉRIFICATION D'UNE CARTE RADIO D'INTÉRIEUR

Publication  
**EP 3475722 A1 20190501 (EN)**

Application  
**EP 17733783 A 20170621**

Priority  
• GB 201611075 A 20160624  
• EP 2017065212 W 20170621

Abstract (en)  
[origin: GB2551589A] A system that obtains position related information associated with a radio node from a global radio map stored within a first database; checking the validity of said radio node in an indoor radio map stored within a second database. Validating the radio node may comprise determining if the radio node has moved or is moving. The position of the radio emitter within the indoor radio map may be determined without the use of a Global Navigation Satellite System (GNSS); the position may instead be determined from indoor manual data collection. The radio transmitter may be declared invalid if the movement distance is above a threshold. Determination that the radio transmitter is moving may be made based on a number of samples. If the radio node is determined as invalid it may be removed from the indoor radio map or marked as invalid within the indoor radio map. The position related information within the first database may be based on location information from a GNSS.

IPC 8 full level  
**G01S 5/02** (2010.01)

CPC (source: EP GB US)  
**G01C 21/206** (2013.01 - GB); **G01S 5/021** (2013.01 - GB); **G01S 5/02527** (2020.05 - EP GB US)

Citation (search report)  
See references of WO 2017220643A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**GB 201611075 D0 20160810; GB 2551589 A 20171227**; EP 3475722 A1 20190501; WO 2017220643 A1 20171228

DOCDB simple family (application)  
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