

Title (en)  
METHOD FOR DETECTING FRAUDULENT OR ABUSIVE USE OF A TELEPHONE SERVICE PROVIDED BY A TELEPHONE OPERATOR

Title (de)  
VERFAHREN ZUR ERKENNUNG BETRÜGERISCHER ODER MISSBRÄUCLICHER NUTZUNG EINES VON EINEM TELEFONBETREIBER  
BEREITGESTELLTEN TELEFONDIENTES

Title (fr)  
PROCÉDÉ DE DÉTECTION D'UN USAGE FRAUDULEUX OU ABUSIF D'UN SERVICE DE TÉLÉPHONIE FOURNI PAR UN OPÉRATEUR DE  
TÉLÉPHONIE

Publication  
**EP 4118810 A1 20230118 (FR)**

Application  
**EP 20726886 A 20200311**

Priority  
FR 2020050502 W 20200311

Abstract (en)  
[origin: WO2021181012A1] Method for detecting fraudulent or abusive use of telephone services comprising the following steps: collecting data on telephone communication exchanges carried out over a given study period from/to telephone numbers and involving roaming and/or interconnection; creating individual files for compiling exchange data for each studied number; revaluing communications based on pre-established revaluation rules to obtain a wholesale cost amount for each studied number; a step E4 of identifying suspicious numbers for which the amount of wholesale costs exceeds a predetermined threshold value over the study period; a step E7 of detecting fraudulent use by analysing exchange data compiled in the files associated with the identified numbers and/or the multiparametric indicators obtained from said data.

IPC 8 full level  
**H04M 15/00** (2006.01)

CPC (source: EP US)  
**H04M 15/47** (2013.01 - EP US); **H04M 15/58** (2013.01 - EP US); **H04M 15/8038** (2013.01 - EP US); **H04M 2203/6027** (2013.01 - EP);  
**H04M 2207/18** (2013.01 - EP); **H04M 2215/0148** (2013.01 - EP)

Citation (search report)  
See references of WO 2021181012A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2021181012 A1 20210916**; EP 4118810 A1 20230118; US 2023120157 A1 20230420

DOCDB simple family (application)  
**FR 2020050502 W 20200311**; EP 20726886 A 20200311; US 202017910185 A 20200311