Title (en)
METHOD FOR SELLING AND SEARCHING FOR ITEMS

Title (de)
VERFAHREN ZUM VERKAUFEN UND SUCHEN VON GEGENSTÄNDEN

Title (fr)
PROCÉDÉ DE VENTE ET DE RECHERCHE D'ARTICLES

Publication
**EP 3552118 A1 20191016 (EN)**

Application
**EP 17817983 A 20171130**

Priority
- US 201615369941 A 20161206
- US 201615370060 A 20161206
- US 2017063973 W 20171130

Abstract (en)
[origin: WO2018106511A1] A system capable of identifying and locking resources (e.g., items, tickets, etc.) may map resources to a bit vector and use bit vectors to efficiently identify and lock the resources. For example, tickets to a concert may be mapped to a bit vector and the system may generate an availability bit vector indicating an availability of the seat locations. Thus, the tickets may be reserved by changing a binary value for bits corresponding to individual tickets. In addition, the system may generate bit vectors corresponding to metadata associated with the seat locations (e.g., aisle seat, handicap accessible, first ten rows, back ten rows, etc.), allowing the system to easily identify available seat locations that satisfy the search request. As the bit vectors are relatively small and can be processed easily, the system may improve a latency and reduce an error rate associated with searching for and reserving seat locations.

IPC 8 full level
**G06Q 10/02** (2012.01)

CPC (source: EP)
**G06F 16/24558** (2018.12); **G06F 16/24561** (2018.12); **G06F 16/24569** (2018.12); **G06Q 10/02** (2013.01)

Citation (search report)
See references of WO 2018106511A1

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)
**WO 2018106511 A1 20180614**; EP 3552118 A1 20191016

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**US 2017063973 W 20171130**; EP 17817983 A 20171130