

Title (en)
DYNAMICALLY DISTRIBUTED BACKUP METHOD AND SYSTEM

Title (de)
VERFAHREN UND SYSTEM ZUR DYNAMISCH VERTEILTEN SICHERUNG

Title (fr)
PROCÉDÉ ET SYSTÈME DE SAUVEGARDE RÉPARTIE DYNAMIQUE

Publication
EP 3360034 A1 20180815 (FR)

Application
EP 16778810 A 20161007

Priority

- EP 15306582 A 20151008
- EP 2016074104 W 20161007

Abstract (en)
[origin: WO2017060495A1] The invention relates to the field of IT, and in particular to distributed data storage across a plurality of storage servers. A distributed backup method includes the following steps: dividing the data so as to obtain data blocks; determining, for each block, a particular server from the plurality of storage servers; and memorising each block in the determined server. According to the invention, the determination of the particular server is a function of a current time instant. It can also be a function of a private key of the user. The key is used to form a mask. The latter is offset as a function of the current time instant. Then, the offset mask and the complementary mask thereof are applied, respectively, to two server distribution tables in order to identify the servers to be used for each of the data blocks. The blocks can change servers at each new time instant.

IPC 8 full level
G06F 3/06 (2006.01)

CPC (source: EP US)
G06F 3/0614 (2013.01 - EP US); **G06F 3/062** (2013.01 - EP US); **G06F 3/0631** (2013.01 - EP US); **G06F 3/064** (2013.01 - EP US); **G06F 3/065** (2013.01 - EP US); **G06F 3/067** (2013.01 - EP US); **G06F 11/1464** (2013.01 - US)

Citation (search report)
See references of WO 2017060495A1

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)
EP 3153961 A1 20170412; BR 112018006134 A2 20181023; CN 108139869 A 20180608; EP 3360034 A1 20180815; US 10678468 B2 20200609; US 2018284991 A1 20181004; WO 2017060495 A1 20170413

DOCDB simple family (application)
EP 15306582 A 20151008; BR 112018006134 A 20161007; CN 201680058205 A 20161007; EP 16778810 A 20161007; EP 2016074104 W 20161007; US 201615766409 A 20161007