

Exhibit 1



US008581706B2

(12) **United States Patent**
Finkenzeller et al.

(10) **Patent No.:** **US 8,581,706 B2**
(45) **Date of Patent:** **Nov. 12, 2013**

(54) **DATA STORAGE MEDIUM AND METHOD FOR CONTACTLESS COMMUNICATION BETWEEN THE DATA STORAGE MEDIUM AND A READER**

(75) Inventors: **Klaus Finkenzeller**, Unterföhring (DE);
Karl Eglof Hartel, München (DE);
Denny Brandl, Eching (DE)

(73) Assignee: **Giesecke & Devrient GmbH**, Munich (DE)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1210 days.

(21) Appl. No.: **12/304,653**

(22) PCT Filed: **Jun. 12, 2007**

(86) PCT No.: **PCT/EP2007/005185**

§ 371 (c)(1),
(2), (4) Date: **Mar. 4, 2009**

(87) PCT Pub. No.: **WO2007/144149**

PCT Pub. Date: **Dec. 21, 2007**

(65) **Prior Publication Data**
US 2009/0199206 A1 Aug. 6, 2009

(30) **Foreign Application Priority Data**
Jun. 12, 2006 (DE) 10 2006 027 200

(51) **Int. Cl.**
H04Q 5/22 (2006.01)

(52) **U.S. Cl.**
USPC **340/10.41**; 340/10.1; 340/10.2; 340/10.4;
340/10.42

(58) **Field of Classification Search**
USPC 340/10.1, 10.2, 10.4, 10.41, 10.42
See application file for complete search history.

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Primary Examiner — Jennifer Mehmood

Assistant Examiner — Andrew Bee

(74) *Attorney, Agent, or Firm* — Bacon & Thomas, PLLC

(57) **ABSTRACT**

A method and a data carrier for contactless, in particular parallel, communication of a reading device with at least two communication-ready applications located on a portable data carrier. A first communication-readiness signal is generated for a first application and sent to the reading device, the signal having a first identification number that is assigned to the first application and indicates to the reading device the communication readiness of said first application, and a second communication-readiness signal is generated and sent for a second application, the second signal having a second identification number different from the first identification number, which is assigned to said second application and indicates to the reading device the communication readiness of said second application. The identification numbers simulate for the reading device the communication readiness of a data carrier in each case. The reading device thus has the impression of communicating with applications of two separate data carriers.

22 Claims, 4 Drawing Sheets

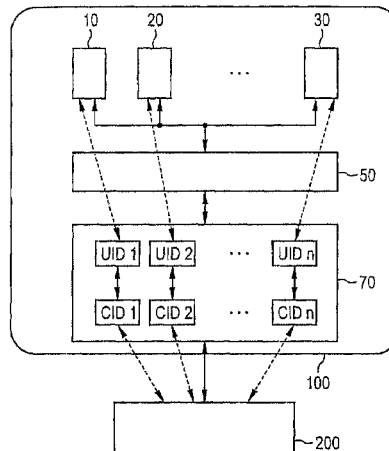
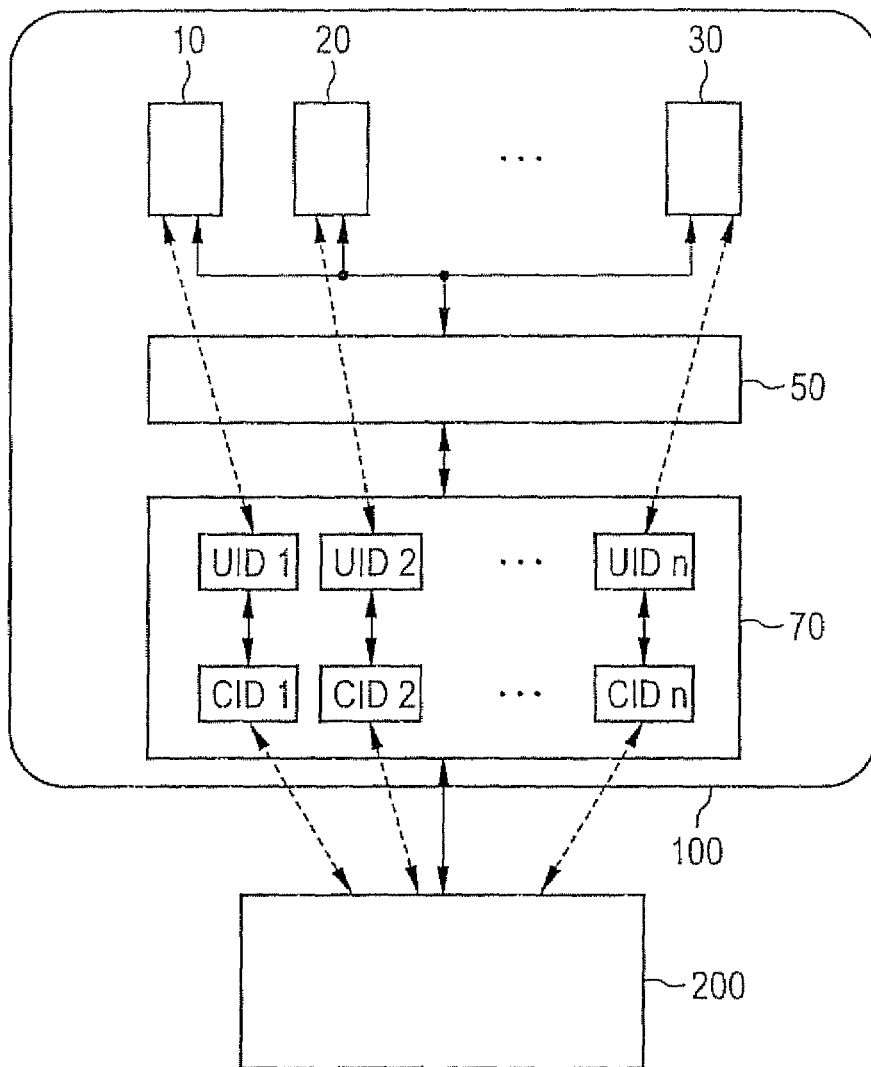
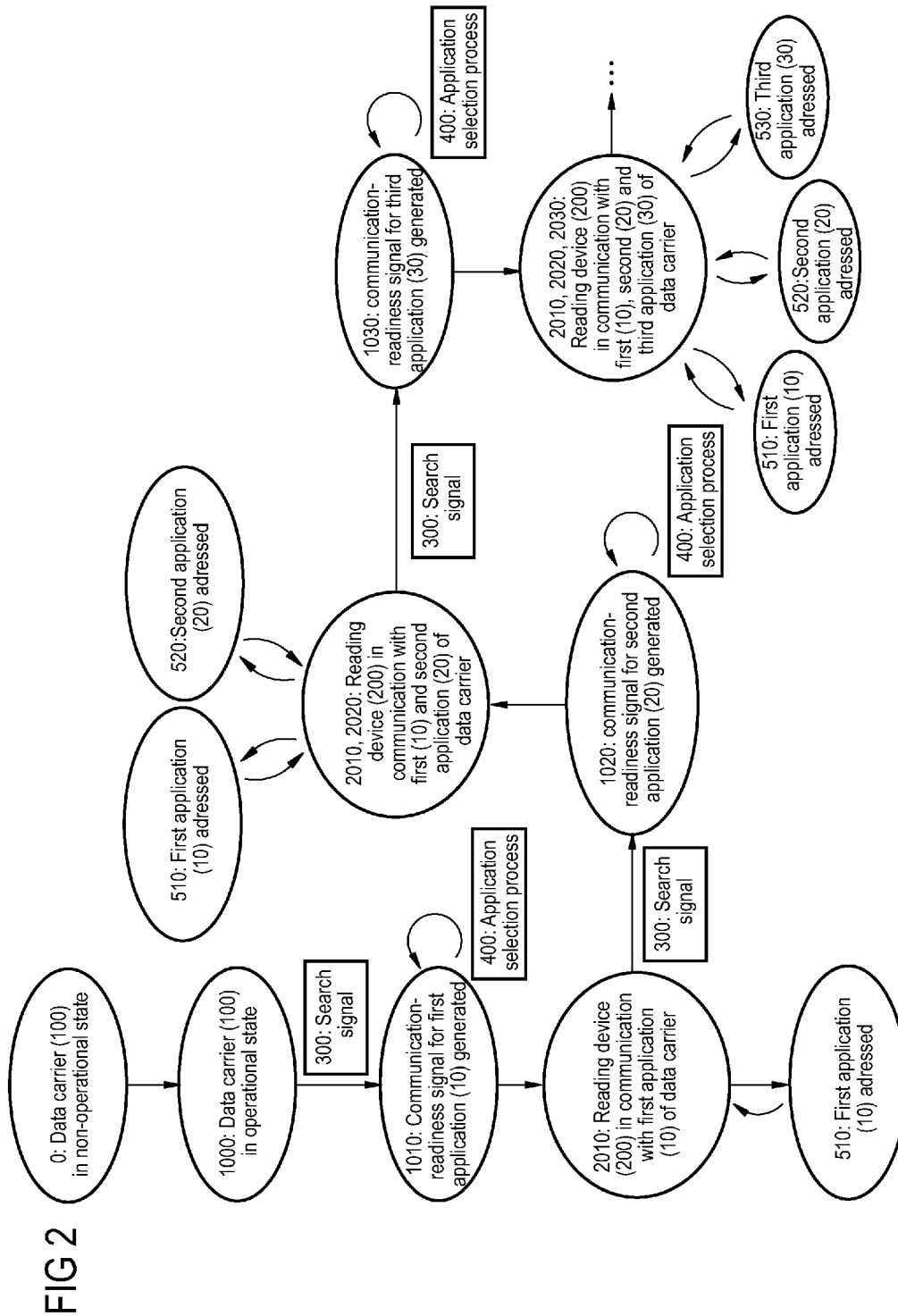


FIG 1





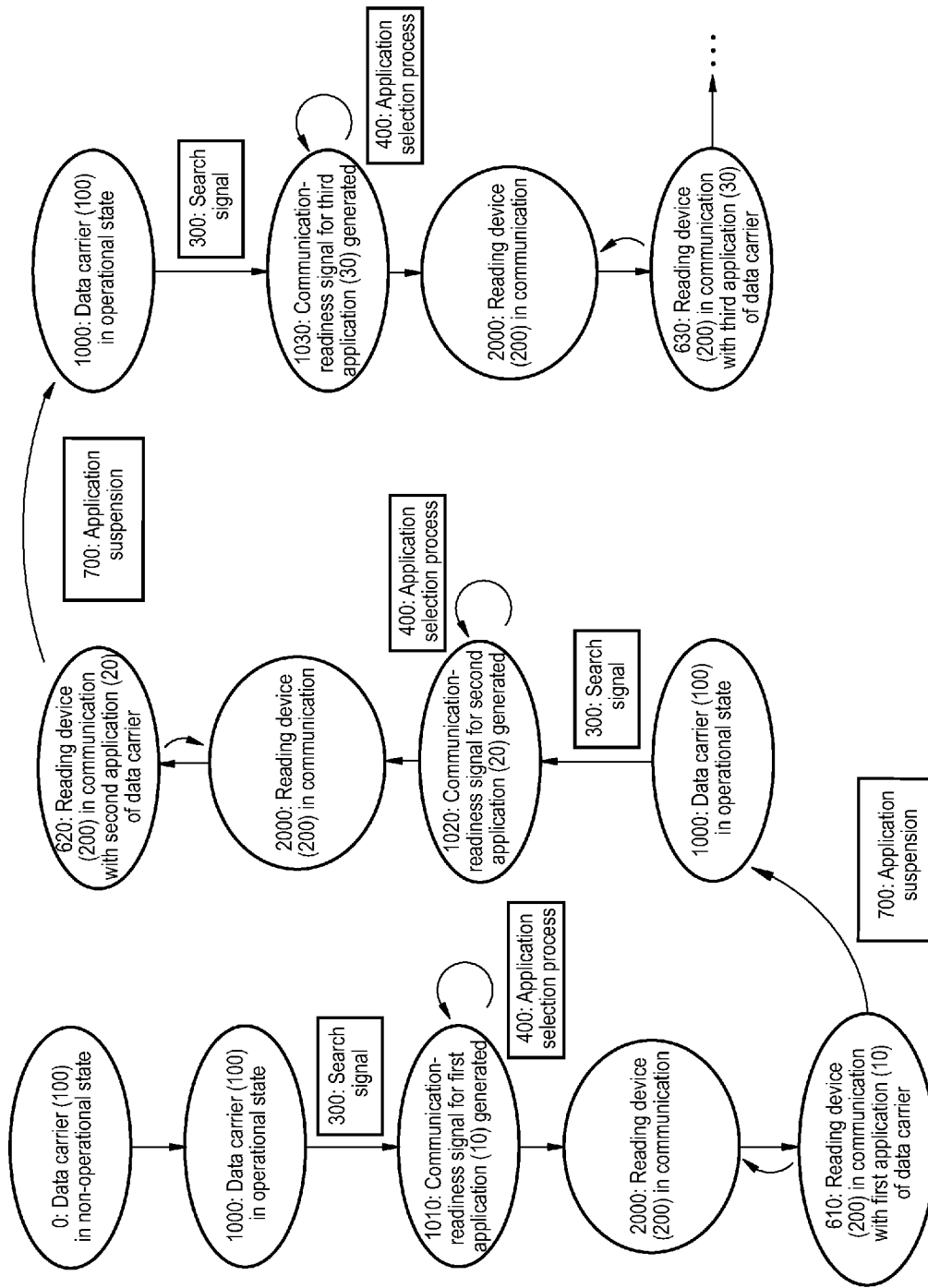


FIG 3

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