



(19) **United States**

(12) **Patent Application Publication**  
**Bodic et al.**

(10) **Pub. No.: US 2003/0040300 A1**

(43) **Pub. Date: Feb. 27, 2003**

(54) **SYSTEM OF INTEROPERABILITY  
BETWEEN MMS MESSAGES AND SMS/EMS  
MESSAGES AND AN ASSOCIATED  
EXCHANGE METHOD**

**Publication Classification**

(51) **Int. Cl.<sup>7</sup> ..... H04M 11/10; H04Q 7/20**

(52) **U.S. Cl. .... 455/412; 455/466**

(75) Inventors: **Gwenael Le Bodic**, Puteaux (FR);  
**Jean-Luc Ricoeur**, Paris (FR)

Correspondence Address:  
**SUGHRUE MION, PLLC**  
**Suite 800**  
**2100 Pennsylvania Avenue, N.W.**  
**Washington, DC 20037-3213 (US)**

(57) **ABSTRACT**

A message system is associated with a message domain which includes a mobile radio network, a message server conforming to a first standard referred to as the Enhanced Message Service and/or Short Message Service standard and/or a message server conforming to a second standard referred to as the Multimedia Message Service standard. The message domain further includes a message gateway which includes a database including a table of message profiles of terminals belonging to the message domain and is able to convert a message sent in accordance with the first standard into a message in accordance with the second standard.

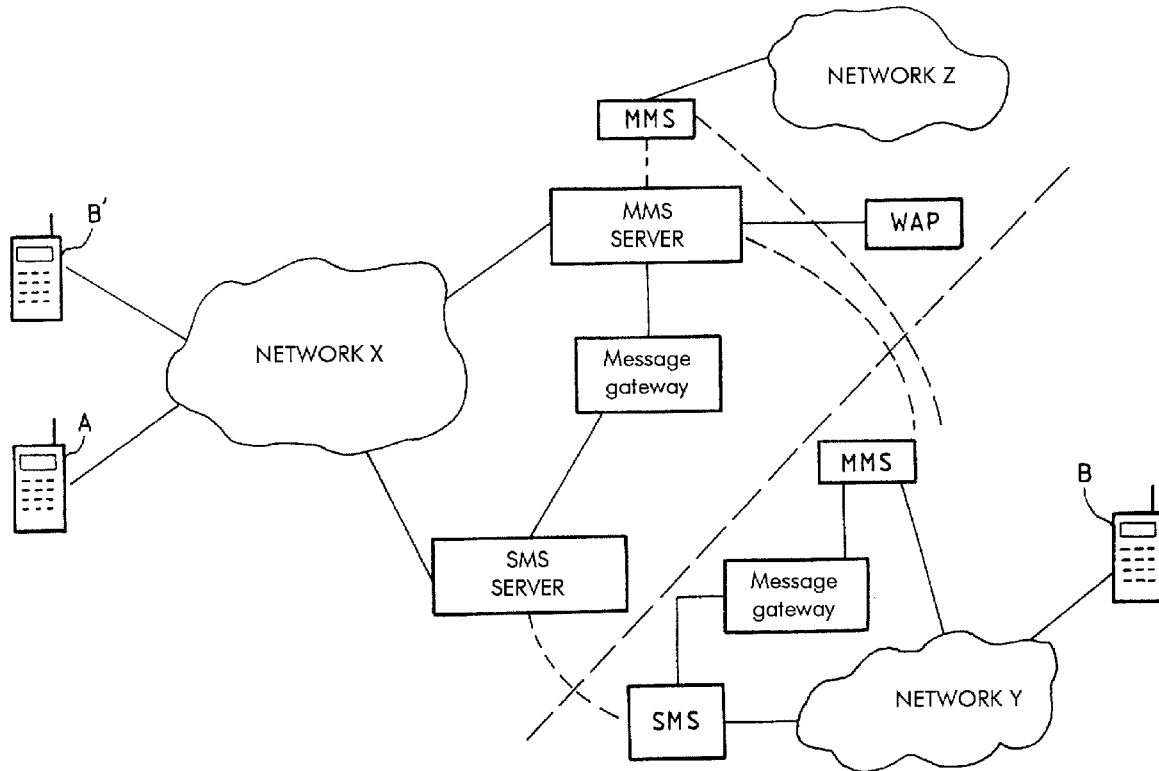
(73) Assignee: **ALCATEL**

(21) Appl. No.: **10/218,580**

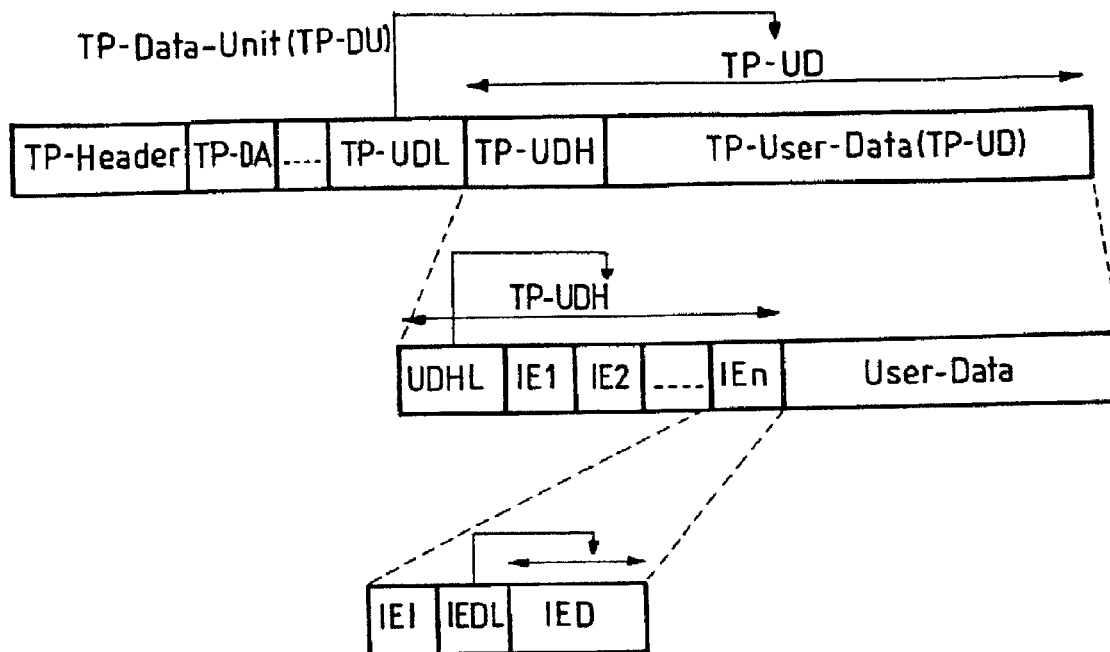
(22) Filed: **Aug. 15, 2002**

(30) **Foreign Application Priority Data**

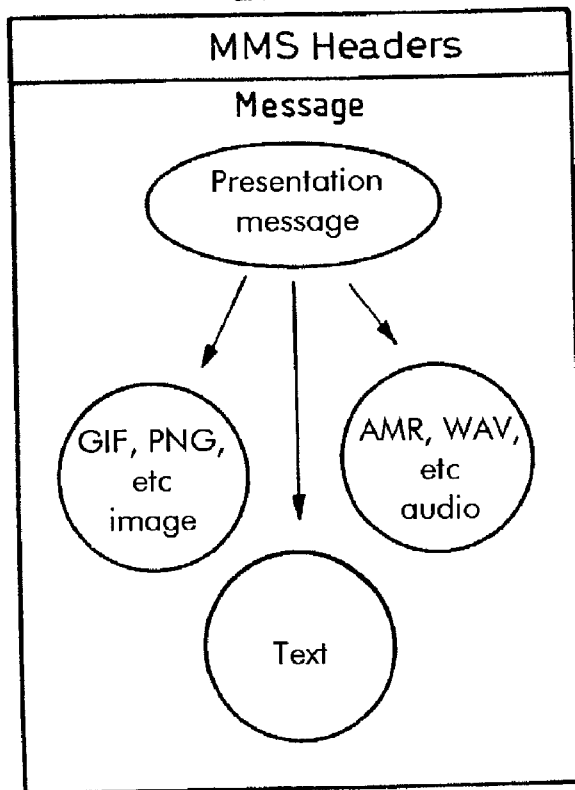
Aug. 27, 2001 (FR)..... 01 11 131

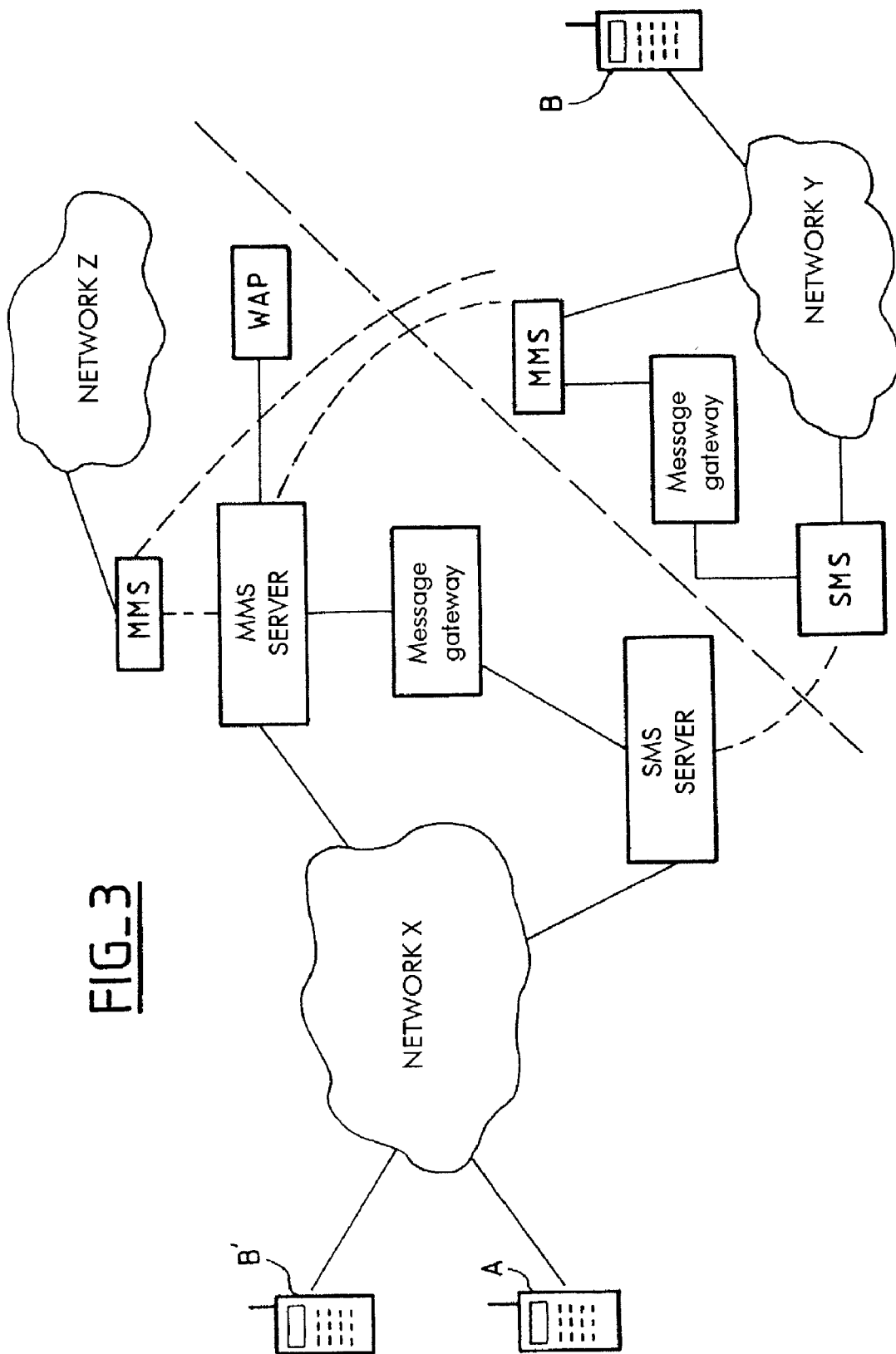


**FIG\_1**



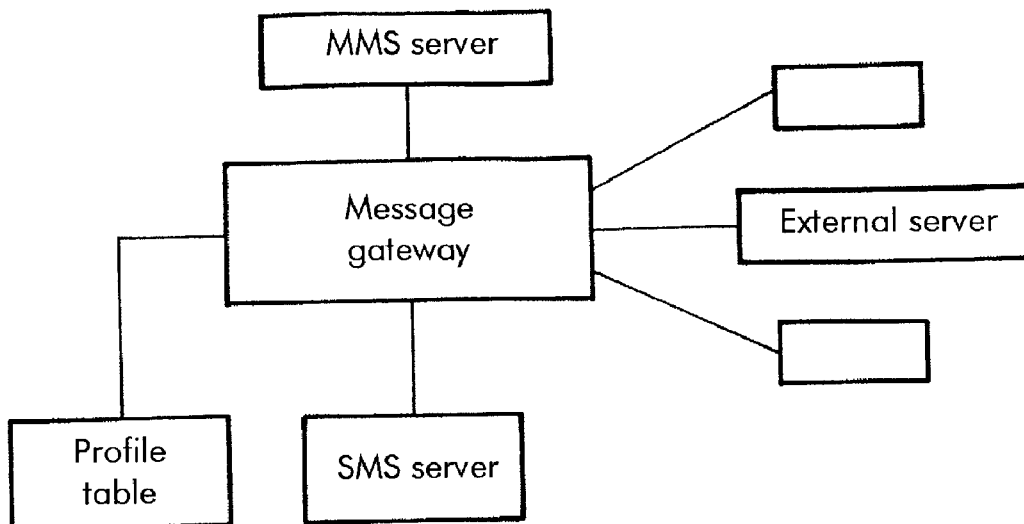
**FIG\_2**





FIG\_3

FIG\_4

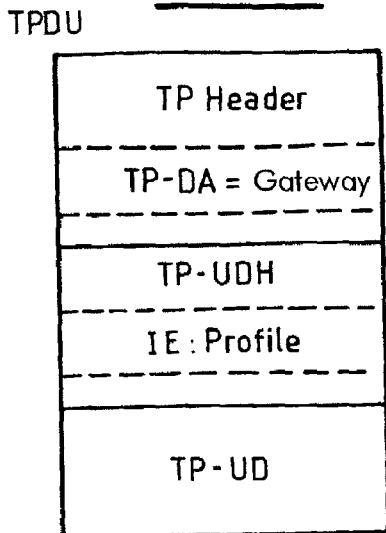


FIG\_5

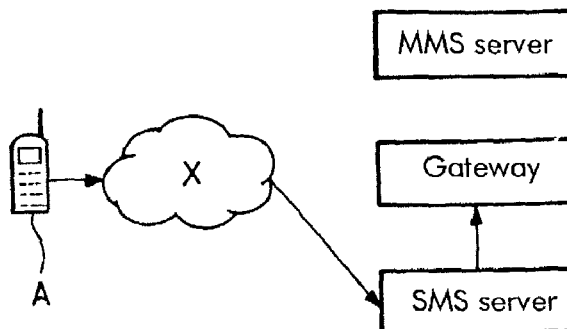
PROFILE TABLE

M.E. Id	Message profile	Message server
aaa	SMS	SC SMS
bbb	EMS (Rel 4)	SC SMS
ccc	EMS (Rel 5)	SC SMS
ccc	MMS	SR MMS
ddd	MMS	SR MMS
eee	POP	POP server

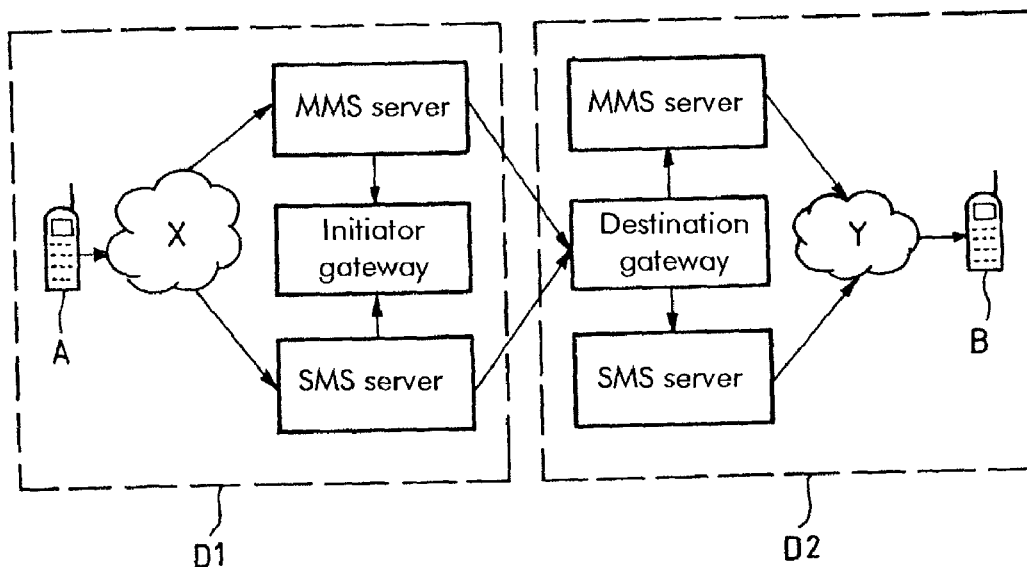
FIG\_6a



FIG\_6b



FIG\_7



# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.