



US008451845C1

(12) **EX PARTE REEXAMINATION CERTIFICATE** (12754th)  
**United States Patent**  
**Boucadair et al.**

(10) **Number:** **US 8,451,845 C1**

(45) **Certificate Issued:** **Oct. 24, 2024**

(54) **METHOD OF RECEIVING A DATA PACKET  
IN AN IPV6 DOMAIN, AN ASSOCIATED  
DEVICE AND AN ASSOCIATED HOME  
GATEWAY**

*H04L 101/604* (2022.01)

*H04L 101/659* (2022.01)

(52) **U.S. Cl.**

CPC ..... *H04L 61/2517* (2013.01); *H04L 61/251*  
(2013.01); *H04L 2101/604* (2022.05); *H04L*  
*2101/659* (2022.05)

(75) Inventors: **Mohamed Boucadair**, Rennes (FR);  
**Jean-Luc Grimault**, Mondeville (FR)

(73) Assignee: **Monarch Networking Solutions**

(58) **Field of Classification Search**

None

See application file for complete search history.

**Reexamination Request:**

No. 90/019,246, Sep. 8, 2023

**Reexamination Certificate for:**

Patent No.: **8,451,845**

Issued: **May 28, 2013**

Appl. No.: **13/001,907**

PCT Filed: **Jun. 26, 2009**

PCT No.: **PCT/FR2009/051228**

§ 371 (c)(1),

(2), (4) Date: **Dec. 29, 2010**

PCT Pub. No.: **WO2010/004180**

PCT Pub. Date: **Jan. 14, 2010**

(56)

**References Cited**

To view the complete listing of prior art documents cited during the proceeding for Reexamination Control Number 90/019,246, please refer to the USPTO's Patent Electronic System.

*Primary Examiner* — Ovidio Escalante

Certificate of Correction issued Feb. 10, 2015

(30) **Foreign Application Priority Data**

Jun. 30, 2008 (FR) ..... 0854405

(51) **Int. Cl.**

*H04L 12/28* (2006.01)

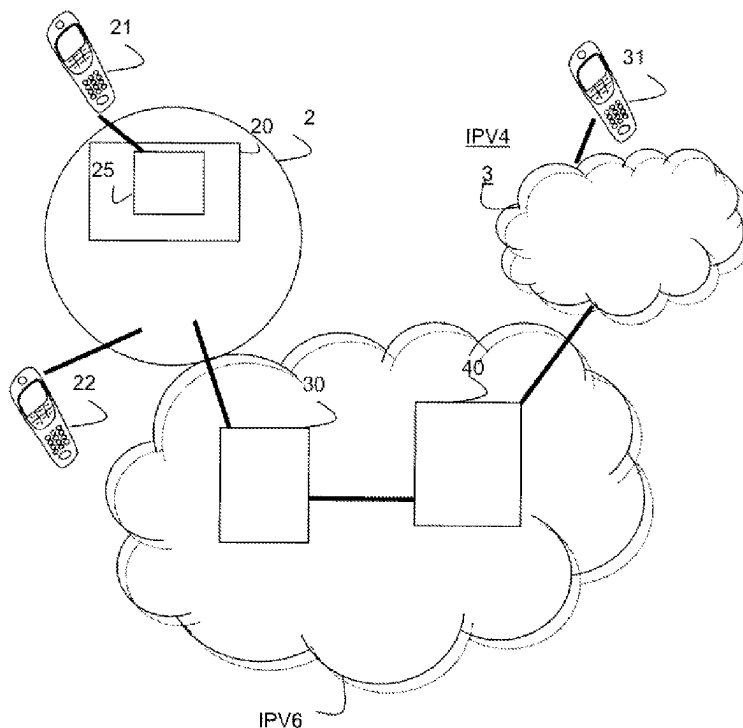
*H04L 61/251* (2022.01)

*H04L 61/2517* (2022.01)

(57)

**ABSTRACT**

A method of receiving an IPv6 data packet in an IPv6 domain connected to an IPv4 domain, said packet comprising an IPv6 destination address and an IPv6 source address. The method comprises the following steps: identifying an IPv6 destination address constructed by concatenating an operator prefix, an IPv4 destination address, and a destination port number; if necessary, regularizing at least one address of the data packet and modifying the data packet; and routing the modified data packet to its destination.



1

2

**EX PARTE  
REEXAMINATION CERTIFICATE**

THE PATENT IS HEREBY AMENDED AS  
INDICATED BELOW. 5

AS A RESULT OF REEXAMINATION, IT HAS BEEN  
DETERMINED THAT:

Claims 1 and 5-8 are cancelled. 10

Claims 2-4 and 9-10 were not reexamined.

\* \* \* \* \*