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**Datasheet for the decision  
of 7 November 2025**

**Case Number:** T 0453/25 - 3.5.05

**Application Number:** 20735933.2

**Publication Number:** 3906712

**IPC:** H04W4/029, H04W4/12, G06F16/23

**Language of the proceedings:** EN

**Title of invention:**  
Blockchain-based personal location and messenger device and  
system using decentralized mesh networking

**Applicant:**  
Countia, LLC

**Headword:**  
Blockchain-based personal location system/COUNTIA

**Relevant legal provisions:**  
EPC Art. 123(2)

**Keyword:**  
Added subject-matter - all claim requests (yes)



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Case Number: T 0453/25 - 3.5.05

**D E C I S I O N**  
**of Technical Board of Appeal 3.5.05**  
**of 7 November 2025**

**Appellant:** Countia, LLC  
(Applicant) 19046 Bruce B Downs Blvd. Suite 239  
Tampa, FL 33647 (US)

**Representative:** Capitán García, Maria Nuria  
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**Decision under appeal:** **Decision of the Examining Division of the  
European Patent Office posted on 30 January 2025  
refusing European patent application  
No. 20735933.2 pursuant to Article 97(2) EPC.**

**Composition of the Board:**

**Chair** K. Bengi-Akyürek  
**Members:** K. Schenkel  
O. Loizou

## Summary of Facts and Submissions

- I. The appeal is against the decision of the examining division according to the state of the file to refuse the present European patent application on the ground that the sole claim request on file did not comply with Articles 83 and 123(2) EPC by referring to the previous communication of 6 May 2024 and 22 January 2024.
- II. With its statement setting out the grounds of appeal, the appellant requested that the appealed decision be set aside and that a patent be granted on the basis of the **main request** or either of **auxiliary requests 1 and 2**. The main request corresponds to the claim request filed on 3 October 2022 and auxiliary request 1 corresponds to the claim request filed on 16 October 2023, while auxiliary request 2 corresponds to the claim request underlying the appealed decision.
- III. In a communication under Article 15(1) RPBA, the board expressed its preliminary view that all claim requests on file did not comply with Articles 83, 84 and 123(2) EPC.
- IV. In its letter of reply dated 27 October 2025, the appellant informed the board that it would not attend the scheduled oral proceedings. It did not submit any comments on the substance of the board's communication and requested a decision according to the state of the file.
- V. Oral proceedings were then cancelled.
- VI. Claim 1 of the **main request** and **auxiliary request 2** reads as follows (board's labelling):

- (a) "Personal locational and messenger system for tracking, storage and communication of personal location and messages, consisting essentially of:
  - (b) - a decentralized mesh network;
  - (c) - an immutable blockchain;
  - (d) - a computer device;
  - (e) - a satellite communication infrastructure;
  - (f) - a wireless networking infrastructure;
  - (g) - a cellular network;
  - (h) the immutable blockchain being connected to the decentralized mesh network;
  - (i) the computer device being connected to the immutable blockchain and decentralized mesh network, the satellite communication infrastructure, the wireless networking infrastructure, and the cellular network;
  - (j) the wireless networking infrastructure or cellular network being configured to, when are[sic] available, communicates through it the personal location and messages from a user directly to a designated recipient;
  - (k) the satellite communication infrastructure being configured to, when the wireless networking infrastructure or cellular network are not available, communicates through it the personal location and messages from the user directly to the designated recipient;
  - (l) the immutable blockchain and the decentralized mesh network being configured to, when the wireless networking infrastructure or cellular network are not available, store the personal location and messages from the user in the immutable blockchain and disseminate such personal location and messages through the decentralized mesh network to reach the designated recipient."

VII. Claim 1 of **auxiliary request 1** differs from claim 1 of the main request in that, at the end, the following features have been added (board's labelling):

- (m) "further characterized in that said satellite communication infrastructure is a Global Positioning System / Global Navigation Satellite System;
- (n) further having a peer to peer network;
- (o) wherein the computer device is one selected from: smart phones, tablets, smart watches, and computers including supercomputers, mainframe computers, minicomputers, and microcomputers;
- (p) wherein when wireless networking infrastructures or cellular network are available, it allows the user to compose a short communication message with the personal location;
- (q) wherein when the satellite communication infrastructure or the decentralized mesh network are available, it allows the user to use a pre-composed message; wherein the short communication message or the pre-composed message are emergency messages."

## **Reasons for the Decision**

### 1. Background of the invention

The present invention relates to the communication of the location and messages of a user via a wireless network or, if this is not available, via a "decentralised mesh network".

2. Added subject-matter (Article 123(2) EPC)
- 2.1 **Feature (j)** of claim 1, which is present in all claim requests on file, states that the "wireless networking infrastructure" or the "cellular network" are configured to communicate through them, when available, the personal location and messages from the user directly to a designated recipient.
- 2.2 However, the application as originally filed discloses at page 5, lines 4 to 9 and at page 6, lines 12 to 14 that the "wireless networking infrastructure" or the "cellular network" is used for communication "when available". However, in none of these instances is it disclosed that these networks are indeed employed to communicate the "location and messages" from the user *directly* to a recipient, it being noted that a direct communication to the recipient - whatever its precise meaning might be - is nowhere disclosed in the application as filed.
- 2.3 No comments were made by the appellant in that regard (see point IV above).
- 2.4 Thus, irrespective of other objections raised by the examining division throughout the examination proceedings and raised by the board in these appeal proceedings, all claim requests on file, at least, do not comply with Article 123(2) EPC.
3. As there is no allowable claim request, the appeal must be dismissed.

**Order**

**For these reasons it is decided that:**

The appeal is dismissed.

The Registrar:

The Chair:



B. Brückner

K. Bengi-Akyürek

Decision electronically authenticated