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(71) Applicant: **Transportation IP Holdings, LLC**
Norwalk, CT 06851 (US)

(72) Inventor: **VERMA, Amar**
560067 Bangalore (IN)

(74) Representative: **K&L Gates LLP**
Karolinen Karree
Karlstraße 12
80333 München (DE)

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(54) **MANUAL RESET FOR RELAY ASSEMBLY AND METHOD OF MANUFACTURING**

(57) A relay assembly is disclosed herein. The relay assembly can include a first relay with a first reset interface to reset an operating state of the first relay and a second relay with a second reset interface to reset an operating state of the second relay. The second relay can be positioned such that the second reset interface opposes the first reset interface of the first relay. The relay assembly can further include a mechanical armature

positioned between the first reset interface and the second reset interface. The mechanical armature can be transitionable between a first position, wherein the mechanical armature is spaced apart from the first reset interface and the second reset interface in the first position, and a second position, wherein the mechanical armature engages the first reset interface and the second reset interface in the second position.

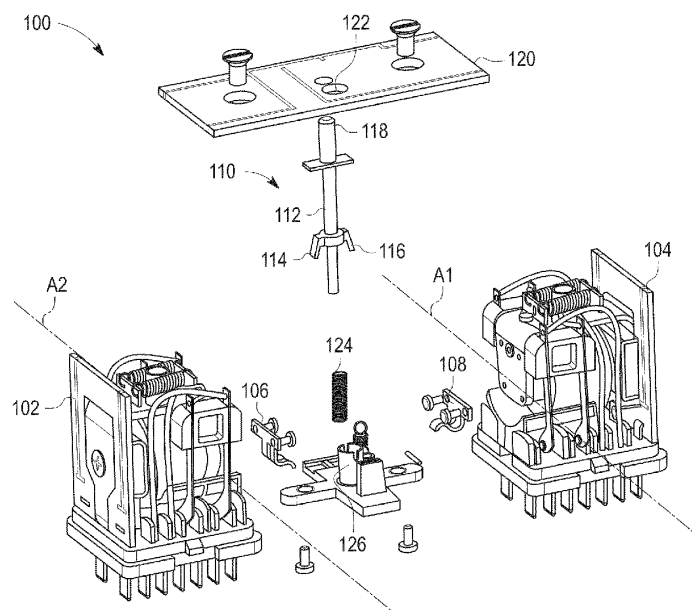


FIG. 1



PARTIAL EUROPEAN SEARCH REPORT

Application Number

under Rule 62a and/or 63 of the European Patent Convention.
This report shall be considered, for the purposes of
subsequent proceedings, as the European search report

EP 25 21 9542

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 4 011 423 A (ZEPP ROBERT GLENN) 8 March 1977 (1977-03-08)	1-4, 13-15	INV. H01H50/32
A	* claim 1; figures 1,2 * -----	5-12	
X	US 3 142 732 A (CLARKE DAVID E ET AL) 28 July 1964 (1964-07-28)	1-4, 13-15	
A	* abstract; figure 1 * -----	5-12	
			TECHNICAL FIELDS SEARCHED (IPC)
			H01H
INCOMPLETE SEARCH			
The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R.62a, 63) has been carried out.			
Claims searched completely :			
Claims searched incompletely :			
Claims not searched :			
Reason for the limitation of the search:			
see sheet C			
Place of search		Date of completion of the search	Examiner
Munich		28 May 2026	Simonini, Stefano
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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INCOMPLETE SEARCH
SHEET C

Application Number

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Claim(s) completely searchable:

1-15

Claim(s) not searched:

16-20

Reason for the limitation of the search:

Claims 1 and 10 have been drafted as separate independent claims. Under Article 84 in combination with Rule 43(2) EPC, an application may contain more than one independent claim in a particular category only if the subject-matter claimed falls within one or more of the exceptional situations set out in paragraph (a), (b) or (c) of Rule 43(2) EPC.

This is not the case in the present application, however, as none of the exceptional situations above is met. Said claims just have partially overlapping scope.

The search was therefore based on amended claims 1-15 filed on 7-5-2026 after a request for clarification.

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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28-05-2026

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4011423	A	08-03-1977	NONE

US 3142732	A	28-07-1964	NONE

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82