# 

### (11) **EP 4 335 987 A3**

(12)

#### **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 29.05.2024 Bulletin 2024/22

(43) Date of publication A2: 13.03.2024 Bulletin 2024/11

(21) Application number: 23192666.8

(22) Date of filing: 22.08.2023

(51) International Patent Classification (IPC): E04F 10/06 (2006.01)

(52) Cooperative Patent Classification (CPC): E04F 10/0662; E04F 10/0685

(84) Designated Contracting States:

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated Extension States:

BA

Designated Validation States:

KH MA MD TN

(30) Priority: 23.08.2022 EP 22191684

(71) Applicant: Thule NV 8930 Menen (BE)

(72) Inventors:

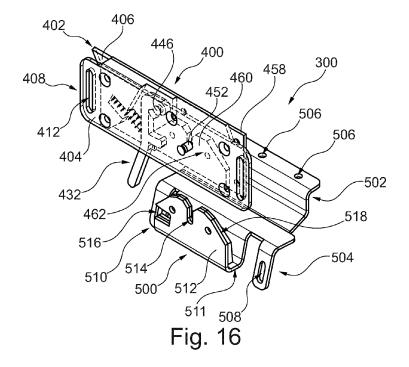
- COUCKE, Davy 8530 Harelbeke (BE)
- DE MAEYER, Erik 8810 Lichtervelde (BE)
- ENGELS, Pieter 8500 Kortrijk (BE)
- SCHURM, Shane 8560 Wevelgem (BE)
- (74) Representative: Wallentin, Lars

Thule AB Fosievägen 13 214 31 Malmö (SE)

#### (54) AWNING FIXATION, AWNING ACCESSORY AND AWNING ARRANGEMENTS

(57) The present disclosure relates to awning systems and components of awning systems, for example of crank operated awning systems, in particular to awnings comprising a stowage configuration for stowing ac-

cessory parts such as a crank handle or a tensioning bar and to a quick coupling mechanism and release mechanism for awnings for mounting them on a vehicle.





#### **EUROPEAN SEARCH REPORT**

**Application Number** 

EP 23 19 2666

5	
10	
15	
20	
25	
30	
35	
40	
45	
50	

55

Category	Citation of document with indication of relevant passages	n, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
х	EP 2 351 895 A2 (ERHARD [DE]) 3 August 2011 (20 * figures 1-5 * * paragraphs [0001] - [0015], [0017] - [0021 *	11-08-03) 0004], [0014],	1-7	INV. E04F10/06	
A	US 2019/301166 A1 (THOM [US] ET AL) 3 October 2 * figures 2A,2B,4A,4B,5 * paragraphs [0004], [0056], [0057], [0065	PSON SCOTT PATRICK 019 (2019-10-03) ,6A-6F * 0005], [0054],	1-7		
				TECHNICAL FIELDS SEARCHED (IPC)	
	The present search report has been d	·			
	Place of search  The Hague	Date of completion of the search  29 January 2024	Tär	Examiner nzler, Ansgar	
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		E : earlier patent do after the filing da D : document cited i	T: theory or principle underlying the E: earlier patent document, but publi after the filing date D: document cited in the application L: document cited for other reasons		



**Application Number** 

EP 23 19 2666

	CLAIMS INCURRING FEES						
	The present European patent application comprised at the time of filing claims for which payment was due.						
10	Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):						
15	No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.						
20	LACK OF UNITY OF INVENTION						
	The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:						
25							
	see sheet B						
30							
	All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.						
35	As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.						
10	Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:						
<b>1</b> 5	None of the further search fees have been paid within the fixed time limit. The present European search						
50	report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:  1-7						
55	The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).						



## LACK OF UNITY OF INVENTION SHEET B

Application Number

EP 23 19 2666

10	The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:  1. claims: 1-7  Awning bracket
15	2. claim: 8  Awning
20	3. claims: 9, 11  Carrying structure
25	4. claim: 10  Securing device
30	
35	
40	
45	
50	
55	

#### EP 4 335 987 A3

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

EP 23 19 2666

5

55

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

29-01-2024

								29-01-2024
10	cit	Patent document ed in search report		Publication date		Patent family member(s)		Publication date
	EP	2351895	<b>A</b> 2	03-08-2011	EP	102009042686 2351895	A2	17-02-2011 03-08-2011
15		2019301166			us us	2019301166 2021164231	A1	
20								
25								
30								
35								
40								
45								
50								
RM P0459								

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