



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
28.06.2006 Bulletin 2006/26

(51) Int Cl.:
E04H 12/08 (2006.01)

(43) Date of publication A2:
09.03.2005 Bulletin 2005/10

(21) Application number: **04021035.3**

(22) Date of filing: **03.09.2004**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LI LU MC NL PL PT RO SE SI SK TR**
Designated Extension States:
AL HR LT LV MK

(72) Inventors:
• **Bonetti, Andrea**
42100 Reggio Emilia (IT)
• **Martinelli, Daniele**
42100 Reggio Emilia (IT)
• **Nannini, Osvaldo**
20146 Milano (IT)

(30) Priority: **05.09.2003 IT BO20030518**

(71) Applicant: **CONCHIGLIA S.P.A.**
I-42100 Reggio Emilia (IT)

(74) Representative: **Modiano, Micaela Nadia et al**
Dr. Modiano & Associati S.p.A.
Via Meravigli 16
20123 Milano (IT)

(54) **Pole access door**

(57) An access door for a pole, particularly for lighting, of the type that is suitable to close hermetically an opening (5) provided in the pole (2) in order to allow fitting and maintenance of components (4) for supplying power, controlling and protecting the lighting fixture, which are accommodated in the cavity (3) of the pole (2), comprising a detachable panel (6) for closing the opening (5),

with which a perimetric frame (7) is associated, and screw-type fixing means (8), which are suitable to press the frame (7) hermetically against the internal surface of the cavity (3) of the pole (2) at the perimetric edge of the opening (5), the panel (6) being arranged, within the opening (5), substantially flush with the outer surface of the pole (2) without protruding parts.

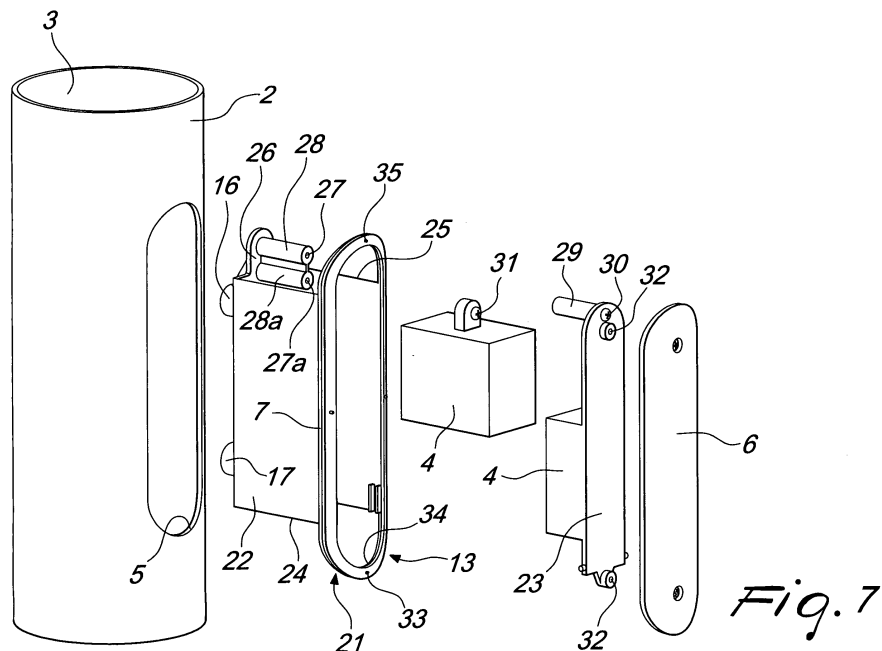


Fig. 7



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 02 1035

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 3 364 952 A (SCAGLIONE MARIO A ET AL) 23 January 1968 (1968-01-23) * column 1, line 56 - column 2, line 35; figures *	1-3,5	INV. E04H12/08
Y	-----	25,29	
A	US 3 624 269 A (LEONARD H. LATTA) 30 November 1971 (1971-11-30) * column 2, line 34 - line 55; figures 2,3 *	6,7,9, 13,16, 17,20	
A	----- US 546 555 A (J, RANGLES) 17 September 1895 (1895-09-17) * the whole document *	1,3,4	
A	----- US 6 497 081 B1 (RAASCH JASON J) 24 December 2002 (2002-12-24) -----		
X	US 6 204 446 B1 (PARDUHN A. PHILIP) 20 March 2001 (2001-03-20) * figures 2-5 *	24	TECHNICAL FIELDS SEARCHED (IPC)
Y	-----	25,29	E04H F21V F21S
A	FR 2 753 012 A (STRATINOR) 6 March 1998 (1998-03-06) * page 5, line 1 - page 6, line 26; figures *	24,25,29	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 24 May 2006	Examiner Kriekoukis, S
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

2

EPO FORM 1503 03.02 (P04C01)



European Patent
Office

Application Number

EP 04 02 1035

CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

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:

see sheet B

- ☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ 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:
- ☐ None 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 invention first mentioned in the claims, namely claims:



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: 1-23

Access door for a pole

2. claims: 24-30

A receptable suitable to support electric power supply etc.

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

EP 04 02 1035

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.

24-05-2006

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3364952	A	23-01-1968	NONE	
US 3624269	A	30-11-1971	NONE	
US 546555	A		NONE	
US 6497081	B1	24-12-2002	NONE	
US 6204446	B1	20-03-2001	NONE	
FR 2753012	A	06-03-1998	NONE	