



(11)

EP 1 923 146 A3

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
**15.08.2012 Bulletin 2012/33**

(51) Int Cl.:  
**B07B 1/46** (2006.01)  
**B07B 1/34** (2006.01)

**B21D 19/04** (2006.01)  
**B07B 1/48** (2006.01)

(43) Date of publication A2:  
**21.05.2008 Bulletin 2008/21**

(21) Application number: 07120179.2

(22) Date of filing: 07.11.2007

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

Designated Extension States:  
**AL BA HR MK RS**

(30) Priority: 14.11.2006 IT MO20060375

(71) Applicant: **Cuccolini S.r.L.**  
**42010 Mancasale (RE) (IT)**

(72) Inventor: **Brighenti, Giorgio**  
**42013 Casalgrande (RE) (IT)**

(74) Representative: **Crugnola, Pietro**  
**Luppi Crugnola & Partners S.r.l.**  
**Viale Corassori 54**  
**41124 Modena (IT)**

## (54) Screening apparatus

(57) A screening apparatus comprises a casing (2) provided with a first part (5) comprising a cylindrical portion (6) arranged for receiving a material to be screened, with a second part (7) arranged for receiving a screened material, and with a screening net (4) supported by a

supporting ring (9) and interposed between said first part (5) and said second part (7), said screening net (4) being mounted so as to abut on a seat (8) of said first part (5), said seat being formed by a fold (8) obtained in said cylindrical portion (6).

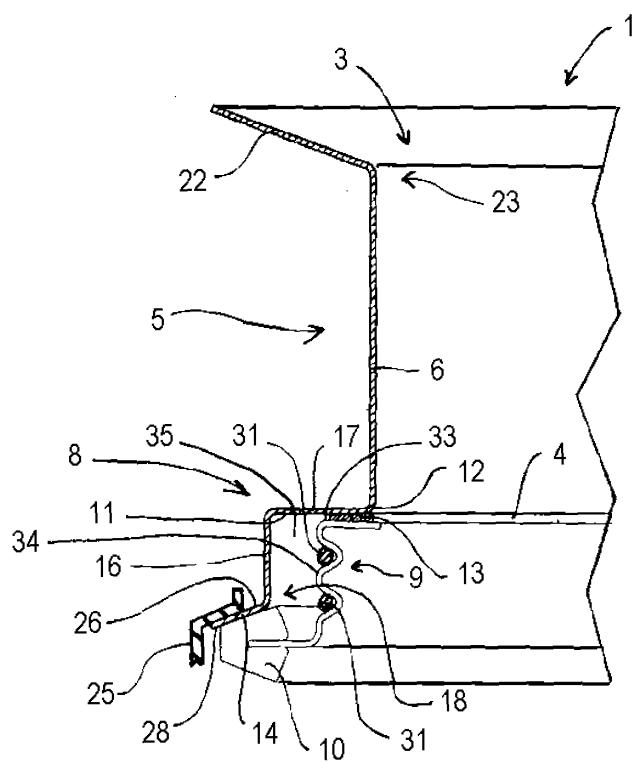


Fig. 2



## EUROPEAN SEARCH REPORT

Application Number  
EP 07 12 0179

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	US 6 698 593 B1 (FOLKE THOMAS [US] ET AL) 2 March 2004 (2004-03-02) * abstract * * column 1, line 5 - column 4, line 41; claims 1-20; figures 1-7 *	1-8	INV. B07B1/46 B21D19/04 B07B1/34 B07B1/48
X	GB 2 059 807 A (RUSSEL FINEX) 29 April 1981 (1981-04-29) * abstract * * page 1, line 6 - page 3, line 13; claims 1-9; figure 1 *	1-8	
X	US 6 672 459 B1 (NOGALSKI JAMES F [US]) 6 January 2004 (2004-01-06) * column 1, line 14 - column 6, line 27; claims 1-6; figures 1-9 *	1-8	
X	EP 0 419 033 A1 (WILLIAM BOULTON VIBRO ENERGY L [GB]) 27 March 1991 (1991-03-27) * column 1, line 1 - column 3, line 36; claims 1-9; figures 1-3A *	1-8	TECHNICAL FIELDS SEARCHED (IPC)
			B07B
The present search report has been drawn up for all claims			
1	Place of search The Hague	Date of completion of the search 15 March 2012	Examiner Psoch, Christian
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			



Europäisches  
Patentamt  
European  
Patent Office  
Office européen  
des brevets

Application Number

## **CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing claims for which payment was due.

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):

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.

## 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:

1-8

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 07 12 0179

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: 1-8

Screening apparatus comprising a casing made of one part for receiving the material to be screened and one part for receiving the screened material and a screening net interposed between the two parts in which the net is supported by a ring and the net abuts to a seat on the first part of the casing

---

2. claims: 9-26

Method for making a part of a casing of a screening apparatus which receives the material to be screened comprising an edge portion of the part which is obtained by rolling until a fold is obtained

---

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

EP 07 12 0179

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.

15-03-2012

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 6698593	B1	02-03-2004	NONE		
GB 2059807	A	29-04-1981	NONE		
US 6672459	B1	06-01-2004	NONE		
EP 0419033	A1	27-03-1991	DE 69009920 D1	21-07-1994	
			DE 69009920 T2	10-11-1994	
			EP 0419033 A1	27-03-1991	