



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**31.01.2024 Bulletin 2024/05**

(51) International Patent Classification (IPC):  
**F26B 23/10<sup>(2006.01)</sup>**

(43) Date of publication A2:  
**15.11.2023 Bulletin 2023/46**

(52) Cooperative Patent Classification (CPC):  
**F26B 23/10; F26B 2200/00; F26B 2200/18**

(21) Application number: **23198320.6**

(22) Date of filing: **13.07.2020**

(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 MK MT NL NO  
PL PT RO RS SE SI SK SM TR**

(71) Applicant: **Vallecaudina Energie Rinnovabili S.r.l.**  
**63857 Amandola (FM) (IT)**

(30) Priority: **23.07.2019 IT 201900012672**

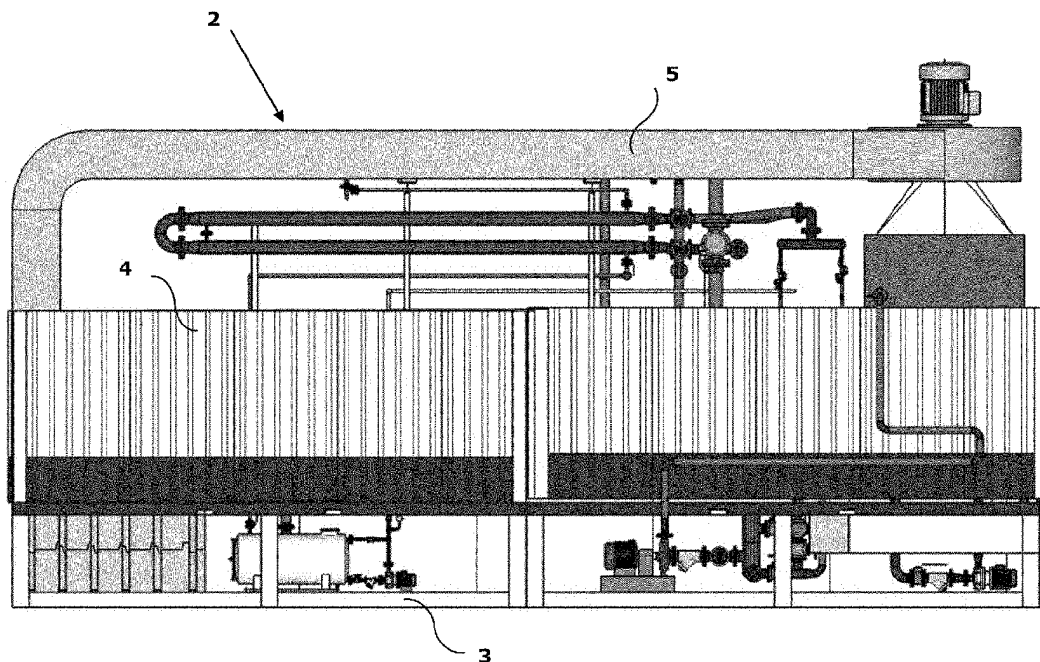
(72) Inventor: **RIVA, Giovanni Luca**  
**63857 Amandola (FM) (IT)**

(62) Document number(s) of the earlier application(s) in  
accordance with Art. 76 EPC:  
**20185522.8 / 3 770 539**

(74) Representative: **Vatti, Francesco Paolo et al**  
**Fumero S.r.l.**  
**Pettenkofferstrasse 20/22**  
**80336 Munich (DE)**

(54) **DRYING PLANT FOR IMPLEMENTING A PROCESS OF SEWAGE SLUDGE**

(57) A plant for the implementation of a process of sewage sludge is disclosed, of the type which performs the drying using superheated steam and wherein the sludge is placed to dry as extruded products on sliding shelves is disclosed.



**Fig. 1**



## EUROPEAN SEARCH REPORT

Application Number

EP 23 19 8320

5

10

15

20

25

30

35

40

45

50

55

1

EPO FORM 1503 03.82 (P04C01)

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	KR 101 565 315 B1 (HANKOOK TECHNOLOGY INC [KR]) 4 November 2015 (2015-11-04) * figures 1-6 * -----	1-3	INV. F26B23/10
			TECHNICAL FIELDS SEARCHED (IPC)
			F26B
The present search report has been drawn up for all claims			
Place of search <b>The Hague</b>		Date of completion of the search <b>6 December 2023</b>	Examiner <b>Makúch, Milan</b>
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	

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

EP 23 19 8320

5 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.

06-12-2023

10	Patent document cited in search report	Publication date	Patent family member(s)	Publication date
15	<b>KR 101565315</b>	<b>B1</b>	<b>04-11-2015</b>	<b>NONE</b>
20	-----			
25				
30				
35				
40				
45				
50				
55				

EPO FORM P0459

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