

12

EUROPEAN PATENT APPLICATION

21 Application number: 81200519.7

51 Int. Cl.³: **E 02 B 3/12**
E 02 D 15/00

22 Date of filing: 14.05.81

30 Priority: 23.05.80 NL 8002993

43 Date of publication of application:
02.12.81 Bulletin 81/48

88 Date of deferred publication of search report: 12.05.82

84 Designated Contracting States:
BE DE FR GB NL

71 Applicant: **BITUMARIN B.V.**
de Virieusingel 8
NL-5301 GB Zaltbommel(NL)

72 Inventor: **van Grunsven, Marinus Gerardus M.**
Nieuwstraat 1 A
NL-5396 PL Lithoyen(NL)

74 Representative: **Puister, Antonius Tonnis, Mr. et al,**
P.O. Box 302
NL-2501 CH The Hague(NL)

54 **Method and apparatus for the under-water application of material, preferably bituminous mixtures.**

57 A method for the under-water application of material, preferably bituminous mixtures such as hot bituminous penetration mixtures, for the formation of coatings on slopes, dams, rubble beds, pipelines, etc., in which the material (1) is applied with a dosing apparatus, (2,3), characterized in that for dosing use is made of a combination of a rotating roller (2) and a controllable slit, the quantity of material to be applied per unit of time being a function of the slit surface and/or the rotational speed of the roller (2).

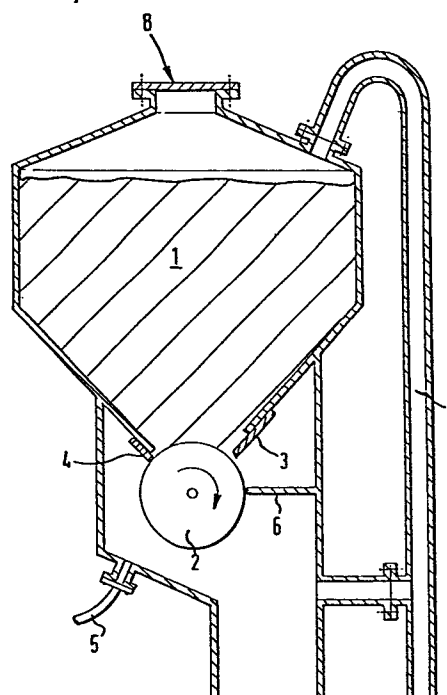


FIG.1



European Patent
Office

EUROPEAN SEARCH REPORT

0040876

Application number
EP 81 20 0519

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	<u>US - A - 1 945 065</u> (MOSSLANG)		E 02 B 3/12
	* the whole document *	1,3,4,6,7	E 02 D 15/00
Y	---	2,5	
Y	<u>FR - A - 2 167 913</u> (SVENNINGSON)		
	* page 1, lines 20-40; page 2, figure 4 *	1,2,4,5,7	

A	<u>EP - A - 0 009 272</u> (BITUMARIN)		
A	<u>DE - B - 1 255 048</u> (PLEHM)		

			TECHNICAL FIELDS SEARCHED (Int.Cl. 3)
			E 02 B E 02 D E 01 C
			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
The present search report has been drawn up for all claims			&: member of the same patent family, corresponding document
Place of search	Date of completion of the search	Examiner	
The Hague	10.02.1982	HANNAART	