



(51) International Patent Classification:

*B03B 9/06* (2006.01)      *C10G 1/04* (2006.01)  
*B09B 3/00* (2006.01)      *E01C 19/05* (2006.01)

(21) International Application Number:

PCT/IT2009/000094

(22) International Filing Date:

11 March 2009 (11.03.2009)

(25) Filing Language:

Italian

(26) Publication Language:

English

(30) Priority Data:

RM2008A000134 12 March 2008 (12.03.2008)      IT

(71) Applicant (for all designated States except US): **RE. SOLUTION3 SRL** [IT/IT]; Via Maniago, 6/3, I-33100 Udine (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **GALLI, Valerio** [IT/IT]; Via Roma, 38, I-06050 Collazzone (PG) (IT).

(74) Agent: **SARPI, Maurizio**; Studio Ferrario, Via Collina, 36, I-00187 Rome (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,

CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

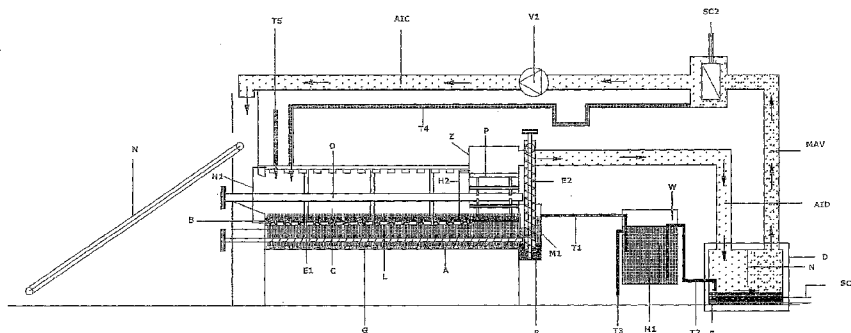
Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:

27 May 2010

(54) Title: APPARATUS FOR RECOVERY AND RECYCLING OF BITUMINOUS AGGREGATES



(57) Abstract: An apparatus for recovery and recycling of bituminous aggregates, wherein the separation of aggregates from the bitumen is made, via a non-inflammable liquid organic solvent, in a closed environment to prevent harmful emissions into the atmosphere.



## INTERNATIONAL SEARCH REPORT

International application No  
PCT/IT2009/000094

**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. B03B9/06 B09B3/00 C10G1/04 E01C19/05  
 ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 B03B B09B B07B C10C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 197 40 842 A1 (DORTMUNDER GUSASPHALT GMBH & C [DE]; TEWE BAUCHEMIEGESELLSCHAFT MBH [D] 18 March 1999 (1999-03-18) abstract; example column 1, line 1 - line 26 column 2, line 15 - column 4, line 52	1-33
A	EP 1 813 360 A2 (RCO RECYCLING CT GMBH [DE]) 1 August 2007 (2007-08-01) abstract; figure paragraph [0026] - paragraph [0028]	1-33
A	WO 02/28610 A1 (MODIGLASS MODIFIED ASPHALT [CH]; VEEN ELLEN [NL]; MUELBECK MARTIN [AT]) 11 April 2002 (2002-04-11) abstract; figures page 3, line 26 - page 6, line 20	1-33

 Further documents are listed in the continuation of Box C.

 See patent family annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

26 March 2010

Date of mailing of the international search report

08/04/2010

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040,  
 Fax: (+31-70) 340-3016

Authorized officer

Plontz, Nicolas

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No

PCT/IT2009/000094

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 19740842	A1	18-03-1999	NONE
EP 1813360	A2	01-08-2007	DE 102006004148 A1 09-08-2007
WO 0228610	A1	11-04-2002	AU 1108002 A 15-04-2002 EP 1419039 A1 19-05-2004 NL 1016319 C1 04-04-2002