

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 January 2005 (13.01.2005)

PCT

(10) International Publication Number
WO 2005/003052 A1

(51) International Patent Classification⁷: **C04B 18/24**,
28/02 // 111/52

(21) International Application Number:
PCT/IB2004/002213

(22) International Filing Date: 2 July 2004 (02.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03425446.6 7 July 2003 (07.07.2003) EP

(71) Applicant and

(72) Inventor: **TOSCANO, Gianfranco** [IT/IT]; Corso
Garibaldi No. 232/1, I-10078 Venaria Reale (IT).

(74) Agent: **ROBBA, Pierpaolo**; Interpatent S.r.l., Via Caboto
No. 35, I-10129 Torino (IT).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, 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, HU, IE, IT, LU, MC, NL, 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

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: MIXTURE FOR PREPARING WATER-BASED HARDENABLE MIXINGS INTENDED TO REALISE MAINLY
SOUNDPROOFING AGGLOMERATES AND METHOD FOR PREPARING SAID MIXINGS

(57) Abstract: The invention relates to a mixture containing a building binder (preferably cement), comprising cellulose, ready for
preparing water-based hardenable mixings intended to realise mainly soundproofing agglomerates suitable for laying or for produc-
ing manufactured articles or for fabricating structural building elements or for other engineering works. The invention further relates
to a method for preparing said hardenable mixings. The invention further relates to a mainly soundproofing non structural agglom-
erate obtained from said mixture when a "light inert" is added and to a structural mainly soundproofing agglomerate obtained from
said mixture when an "heavy inert" is added.



WO 2005/003052 A1