

Title (en)
BONDED AGGREGATE STRUCTURES AND PRODUCTION THEREOF.

Title (de)
STRUKTUREN MIT GEBUNDENEN AGGREGATEN UND DEREN HERSTELLUNGSVERFAHREN.

Title (fr)
STRUCTURES D'AGREGATS LIES ET LEUR PRODUCTION.

Publication
EP 0151175 A4 19860128 (EN)

Application
EP 84902977 A 19840718

Priority
US 51750783 A 19830726

Abstract (en)
[origin: WO8500586A1] Bonded aggregate structures, processes for their production, improved wall, floor and ceiling panel structures laminated with bonded aggregates and methods for their production are provided. The structures are made using a workable quick setting non-toxic non-ammoniacal mixture of magnesium oxide, silicate, aggregate and mono aluminium phosphate acidic solution. The panel structures, especially for building purposes and the like, can be made in various forms ranging from low density to load-bearing forms which may be refractory, insulative, heat reflective (12, 13), light weight, labor and energy conserving, etc.

IPC 1-7
C04B 9/04

IPC 8 full level
C04B 28/34 (2006.01); **C04B 35/195** (2006.01); **F24C 1/12** (2006.01)

CPC (source: EP)
C04B 28/34 (2013.01); **F24C 1/12** (2013.01); **C04B 2111/00482** (2013.01)

Citation (search report)

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- [XP] US 4432799 A 19840221 - SALAZAR PAUL V [US]
- [X] LU 67629 A1 19730726
- [X] US 4394174 A 19830719 - TOMIC ERNST A
- [X] DE 1109230 B 19610622 - WESTINGHOUSE ELECTRIC CORP
- See references of WO 8500586A1

Designated contracting state (EPC)
AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)
WO 8500586 A1 19850214; AU 3213984 A 19850304; BR 8406990 A 19850702; CA 1249610 A 19890131; EP 0151175 A1 19850814; EP 0151175 A4 19860128; JP S60501898 A 19851107

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US 8401114 W 19840718; AU 3213984 A 19840718; BR 8406990 A 19840718; CA 459475 A 19840723; EP 84902977 A 19840718; JP 50294084 A 19840718