

Search history

Search 1: TAC=(process AND fiber AND cement AND sheet) (Results 666)
Search 2: TAC=(fiber AND cement+ AND water AND slurry,) (Results 1443)
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Search 5: pn = 3 and 4 (Results 2)

1) Family number: 63529446 (US2018036908A)

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Title: PROCESS AND APPARATUS FOR MAKING A FIBER CEMENT SHEET

Abstract: The present invention relates to processes and apparatuses for producing fiber cement sheets as well as fiber cement sheets obtainable therewith. The processes according to the present invention at least comprise the steps of: (a) providing a cementitious slurry comprising fibers, (b) continuously discharging the slurry on an endless water-permeable transport belt, and (c) removing excess of water from the slurry through the water-permeable transport belt to form a fiber cement sheet with a predetermined thickness. By using a water-permeable transport belt for removing the excess of water from the fiber cement sheet, both the thickness and the density of the sheet can be accurately tuned, without resulting in a spring-back of the thickness of the sheet at the end of the production process. The present invention further relates to various uses of the fiber cement sheets obtainable by the processes of the invention in the building industry.

Classifications:

International (IPC 8-9): B28B B28B1/52 B28B5/02

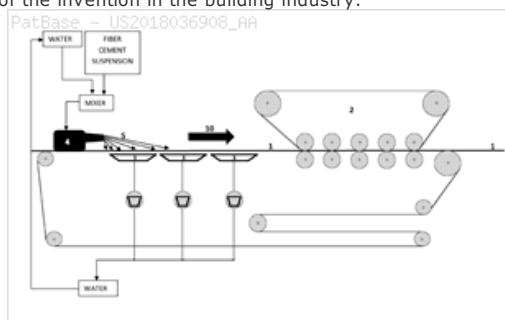
B29C70/06 (Advanced/Invention);

B28B1/52 (Core/Invention)

International (IPC 1-7): B28B1/52

CPC: B28B1/526 B28B5/027

US: 1/1 264/87



Family:

Publication number	Publication date	Application number	Application date
AR104669 AA	20170809	AR2016P100425	20160217
AU2016231368 AA	20170713	AU20160231368	20160302
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ZA201704262 A	20181031	ZA20170004262	20160302

Priority:

EP20150158218 20150309 RU20170128902 20160302 WO2016EP54459 20160302

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

2) Family number: 20191511 (US5520779A) © PatBase

Title: PROCESS AND APPARATUS FOR PRODUCING FIBER-REINFORCED PLASTER PLATES

Abstract: PCT No. PCT/EP92/01898 Sec. 371 Date Feb. 18, 1994 Sec. 102(e) Date Feb. 18, 1994 PCT Filed Aug. 20, 1992 PCT Pub. No. WO93/04008 PCT Pub. Date Mar. 4, 1993. Process and apparatus for the continuous production of gypsum fiber plates in which the fiber component is dewatered and rediluted with water recovered from the gypsum-fiber suspension after it has been spread on a belt, passed over at least two suction boxes and densified on the last suction box by a densifying device engaging the filter cake layer from the top.

Classifications:

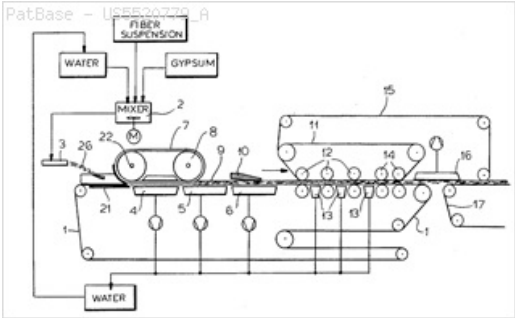
International (IPC 8-9): B28B1/30 B28B1/52 B28B13/02 B28B17/02 B28B19/00 B28B5/02 B28B7/46 C04B11/00 C04B11/26 C04B18/24 C04B28/14 (Advanced/Invention); B28B1/52 (Advanced/Non-invention); B28B1/30 B28B1/52 B28B13/00 B28B17/00 B28B19/00 B28B5/00 B28B7/40 C04B11/00 C04B18/04 C04B28/00 (Core/Invention)

International (IPC 1-7): B28B1/30 B28B1/52 B28B19/00 B28B5/02 C04B11/00 C04B18/24 C04B28/14 C04B7/00 D21H17/63 D21H17/66

CPC: C04B28/144 C04B28/143 C04B28/145 C04B211/0062 B28B13/02 B28B1/526 B28B5/027 B28B7/46 B28B17/023 B28B19/0092 C04B11/00 C04B11/264 C04B18/241 C04B28/14 Y02W30/97

European: B28B1/52F B28B13/02 B28B17/02B B28B19/00K B28B5/02C2 B28B7/46 C04B11/00 C04B11/26B2 C04B18/24B C04B28/14

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Publication number	Publication date	Application number	Application date
CA2116132 AA	19940221	CA19922116132	19920820
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WO9304008 A1	19930304	WO1992EP01898	19920820

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