

Title (en)

MIXER FOR CHEMICALLY BOUND MOULDING MIXTURES

Publication

**EP 0062116 B1 19841219 (EN)**

Application

**EP 81301445 A 19810402**

Priority

EP 81301445 A 19810402

Abstract (en)

[origin: EP0062116A1] Two auger conveyors (1) feed respective streams of moulding sand premixed with the two components respectively of a cold setting binder into a mixing chamber (2) wherein rotary paddles (3) form the final mixture. In order to prevent the waves created by the paddles introducing fully mixed material into the conveyour outlets (6) and causing deposits on the conveyors, an intermediate chamber (7) at least 30 cm high is interposed between the outlets (6) and the mixing chamber (2). Moreover slide valves (9) are provided in the outlets (6) to permit exact regulation of the proportions of the two components even when the mixer is operated with repeated starts and stops.

IPC 1-7

**B22C 5/04**

IPC 8 full level

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CPC (source: EP)

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