

Title (en)  
SLIPFORMING EXTRUDER FOR HOLLOW-CORE CONCRETE ELEMENTS

Publication  
**EP 0235114 B1 19910109 (EN)**

Application  
**EP 87890001 A 19870112**

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Abstract (en)  
[origin: EP0235114A2] This publication describes a slipforming extruder for production of hollow-core concrete elements (23), movable in respect to a casting bed (4) and comprising a frame (18) which is movable, e.g. supported by wheels (19), and provided with at least two adjacent auger flights (2, 25) with flights (5) and a core-forming mandrel (3), attached to the final end of each auger flight (2). Furthermore, the machine comprises a primary drive and power train system (7, 15, 16, 17) for rotating the auger flights (2) and a feed apparatus attached to the frame (18), e.g. a hopper (1), for feeding the auger flights (2) with the concrete mix to be cast. According to the invention, a secondary drive and power train system (8...14) moves the adjacent auger flights (e.g. 2 and 25) in a synchronized and counterphased reciprocating manner in the axial direction. Because the machine disposes of core vibration, it achieves a low level of generated noise.

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IPC 8 full level  
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