

Title (en)

Machine and method for manufacturing sand cores

Title (de)

Maschine und Verfahren zur Herstellung von Sandkernen

Title (fr)

Machine et procédé de fabrication de noyaux de sable

Publication

EP 2907601 B1 20190410 (EN)

Application

EP 15382044 A 20150210

Priority

ES 201430184 A 20140211

Abstract (en)

[origin: EP2907601A1] The present invention relates to a machine and method for manufacturing sand cores, the machine (100) comprising a molding box (1), a blowing chamber (2), a gassing element (3) and a blowing assembly (4) which is suitable for injecting air against the blowing chamber (2) and for suctioning it through a filtration plate. The blowing chamber (2) is filled with sand and is arranged in an unloading position between the blowing assembly (4) and the molding box (1) for unloading the sand into the molding box (1); and the gassing element (3) is subsequently arranged between the blowing assembly (4) and the molding box (1). The machine (100) further comprises cleaning means (6) suitable for cleaning the filtration plate once the blowing chamber (2) has left the unloading position.

IPC 8 full level

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CPC (source: EP ES)

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Cited by

EP3581295A1; EP3272441A1; WO2019238997A1; WO2018015589A1; KR20190046786A; US11192173B2; US11318528B2; US10471501B2

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