

Title (en)
MOULD SIMULATOR

Title (de)
FORMSIMULATOR

Title (fr)
SIMULATEUR DE MOULE

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Application
EP 12709291 A 20120316

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Abstract (en)
[origin: WO2012136308A1] The invention relates to a mould simulator for simulating casting conditions in a mould for continuous casting, the mould simulator comprising a sample member with a cap fitting over the outer end thereof, wherein the cap is movable with respect of the sample member, means to move the sample member and the cap with respect to a support frame, means to move the cap with respect to the sample member, means to oscillate the sample member, cooling means for the sample member wherein the sample member is provided with a separate section which is movable in outward direction with respect to the sample member. This separate section allows to exert a tensile force on the metal solidified against the sample member resulting in cracks transverse and parallel to the direction of the oscillation marks on the solidified metal.

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