Title (en)

HOT-RUNNER NOZZLE WITH TEMPERATURE SENSOR

Title (de)

HEISSKANALDÜSE MIT TEMPERATURFÜHLER

Title (fr)

BUSE À CANAL CHAUD AVEC CAPTEUR DE TEMPÉRATURE

Publication

EP 2091714 A1 20090826 (DE)

Application

EP 07819520 A 20071031

Priority

- EP 2007009491 W 20071031
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Abstract (en)

[origin: CA2670785A1] A hot-runner nozzle (30) for an injection mould has a material tube (32), in which at least one flow channel (40) for a flowable material has been fo rmed, a capsule (10) which can be placed over the material tube (32), a heat ing system (16) for the heating of the material tube (32) and a temperature sensor (20) for recording a temperature. In order to permit more precise rec ording of the temperature of the flowable material conducted in the material tube, the invention provides that the capsule (10) has, in the vicinity of one of its end regions, a passage (24) which extends in essence radially thr ough a wall of the capsule (10) and into which a free end of the temperature sensor (20), or a temperature sensor section (56) arranged in the vicinity of the free end of the temperature sensor (20), has been conducted, when the capsule (10) has been placed over the material tube (32).

IPC 8 full level

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CPC (source: EP KR US)

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