

Title (en)
INJECTION MOLDING NOZZLE FOR AN INJECTION MOLDING TOOL

Title (de)
SPRITZGIESSDÜSE FÜR EIN SPRITZGIESSWERKZEUG

Title (fr)
BUSE D'INJECTION POUR MOULE D'INJECTION

Publication
EP 2303539 A2 20110406 (DE)

Application
EP 09776589 A 20090507

Priority
• EP 2009003261 W 20090507
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Abstract (en)
[origin: WO2010003473A2] The invention relates to an injection molding nozzle (10) for an injection molding tool, comprising a material tube (12) in which a flow channel (16) for a flowable material is configured in the axial direction (A), a nozzle tip (26) being inserted in the material tube (12) and extending the flow channel (16). In order to reduce temperature losses, at least one thermally insulating insulation device (32) surrounds the injection molding nozzle (10) and rests against the injection molding tool and at least partially surrounds the nozzle tip (26).

IPC 8 full level
B29C 45/27 (2006.01)

CPC (source: EP US)
B29C 45/278 (2013.01 - EP US); **B29C 2045/2766** (2013.01 - EP US); **B29C 2045/2785** (2013.01 - EP US)

Citation (search report)
See references of WO 2010003473A2

Citation (examination)
• WO 2008101575 A1 20080828 - GUENTHER HERBERT GMBH [DE], et al
• US 2005281906 A1 20051222 - NOOT DIRK V [US]

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US9352501B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

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