

Title (en)
COLD RUNNER MELT DISTRIBUTOR

Title (de)
KALTKANAL-SCHMELZEVERTERLER

Title (fr)
DISTRIBUTEUR DE MATIÈRE EN FUSION À CANAL FROID

Publication
EP 3049230 A1 20160803 (DE)

Application
EP 14784397 A 20140902

Priority
• DE 102013014883 A 20130906
• EP 2014002377 W 20140902

Abstract (en)
[origin: WO2015032489A1] The invention relates to a cold runner melt distributor for a casting tool or injection moulding tool for the casting or injection moulding of moulded parts, said tool comprising a number of mould cavities. According to the invention: a nozzle block (1) is sandwiched between a rear distributor plate (7) for distributing the supplied melt of the moulding compound and a front discharge plate (6) for discharging the melt of the moulding compound; a spring (10) is arranged between the rear end face of the nozzle block (1) and the associated rear distributor plate (7), or between the rear end face of a hollow cylindrical nozzle body (12) located in the supply duct (2) and the associated rear distributor plate (7); and a sealing ring (11) is arranged around a rear-side projection and a recess associated therewith, the projection and recess being formed between the nozzle block (1) or the nozzle body (12) and the rear distributor plate (7).

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Citation (search report)
See references of WO 2015032489A1

Citation (examination)
• US 2012100242 A1 20120426 - DERICHE ERIC [FR]
• US 2001033044 A1 20011025 - FIKANI FADI [US]

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