

Title (en)
DEVICE AND METHOD FOR INJECTION-COMPRESSION MOULDING

Title (de)
VORRICHTUNG UND VERFAHREN ZUM SPRITZPRÄGEN

Title (fr)
DISPOSITIF ET PROCEDE D'INJECTION-ESTAMPAGE

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Application
EP 99946137 A 19990907

Priority
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Abstract (en)
[origin: DE19842385A1] Known injection-compression moulding devices apply the compression force by means of a hydraulically driven punch which is moved against a stop. As the stop becomes worn and dirt accumulates, the details of the moulded part are reproduced less accurately from the moulding tool. The aim of the invention is to ensure that details are reproduced with a high degree of accuracy on the moulded parts being produced. The inventive device comprises a moulding tool with plates (2, 2') which are provided with the female mould for the moulded part being produced. Said plates are connected to a threaded inertia gear (7) for positioning them in relation to each other, the latter being driven by a gear (12) of a controlled drive unit (13, 14). The plates are positioned according to a pre-set programme or in dependence on at least two process parameters. The inventive device and method enable the production of moulded parts, especially plastic moulded parts, with very accurate reproduction of detail.

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