

Title (en)
CASTING OF METAL ARTEFACTS

Title (de)
GIESSEN VON METALLARTEFAKTEN

Title (fr)
MOULAGE DE PRODUITS EN METAL

Publication
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Application
EP 04798953 A 20041124

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Abstract (en)
[origin: WO2005051570A1] The invention provides a process and apparatus (50) for casting an artefact by forming a molten charge of metal, charging a mould with the charge to fill it sufficiently to form a single artefact, the charge solidifying in the mould. The size of the charge is selected to match the capacity of the mould so that charging the mould consumes substantially the whole charge. The apparatus (50) has a container (12) in which a molten charge of metal is held and a mould (54) into which the charge is transferred. The container and mould have matched capacities so that filling the mould with sufficient metal to form a single artefact consumes substantially the whole charge and leaves the container empty.

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