

Title (en)
HYDRAULICALLY ACTUATED CASTING UNIT AND METHOD FOR CONTROLLING THE SAME

Title (de)
HYDRAULISCH BETÄTIGTE GIESSEINHEIT UND VERFAHREN ZU DEREN ANSTEUERUNG

Title (fr)
UNITE DE COULÉE HYDRAULIQUE ET PROCÉDÉ DE COMMANDE ASSOCIÉ

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Abstract (en)
[origin: WO2006039922A2] The invention relates to a hydraulically actuated casting unit comprising a casting cylinder, whose chamber, which is active in the extension direction, is supplied with a hydraulic medium via a volumetric-flow controller during a pre-filling phase. An annular chamber, which is active in the retraction direction, is connected to a hydraulic-medium sink via a butterfly-valve assembly, which determines the pressure in the annular chamber. The invention also relates to a method for controlling a casting unit of this type.

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