

Title (en)

Process for producing a casting vessel and casting vessel

Title (de)

Verfahren zur Herstellung eines Giessbehälters sowie Giessbehälter

Title (fr)

Procédé pour la production d' un récipient de coulée et récipient de coulée

Publication

**EP 1193008 B1 20020717 (DE)**

Application

**EP 00117320 A 20000821**

Priority

EP 00117320 A 20000821

Abstract (en)

[origin: EP1193008A1] Production of a casting container (1) comprises casting the container from a creep resistant tool steel in one piece; and inserting a casting chamber (2) and a riser (3). The region of the riser is produced by placing a smooth walled core (15) made of a ceramic material into the mold and removing to form the riser. Independent claims are also included for: (a) the casting container produced; and (b) the ceramic core for producing the riser. Preferred Features: The core is made of 75-85 wt.% SiO<sub>2</sub> and 15-25 wt.% ZrSiO<sub>4</sub>.

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