

Title (en)
TUNDISH IMPACT PAD

Title (de)
PRALLPLATTE FÜR EIN ZWISCHENGEFÄSS

Title (fr)
COUSSIN D'IMPACT DE PANIER DE COULEE

Publication
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Application
EP 99934845 A 19990727

Priority
• GB 9902233 W 19990727
• GB 9816458 A 19980729

Abstract (en)
[origin: WO0006324A1] A tundish impact pad comprises a body of refractory material capable of withstanding contact with molten steel, the body comprising a base (15) having an impact surface for molten steel, an outer sidewall (17) extending upwardly from the impact surface, the outer sidewall extending around the base to completely enclose it, an annular body portion (18) connected to the sidewall and providing a top surface substantially parallel to the impact surface (19) and defining an opening into which molten steel can be poured, the lower face of the annular body portion and the inner face of the sidewall (17) defining a recess (21) having an undercut portion extending continuously around and above the impact surface, wherein a first portion (22) of the top surface (19) is at a lower level (19A) than the remainder of the top surface and the recess beneath the first portion of the top surface (19) is of smaller cross-section than the remainder of the recess, a temporary shield (24A, B) of material destructible by the molten metal being positioned on or adjacent to the lower surface portion to reduce or eliminate its height loss relative to the remainder of the top surface.

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