

Title (en)

IMPACT PAD FOR PROTECTING THE IMPACT ZONE OF A INCOMING MOLTEN METAL STREAM IN A METALLURGICAL VESSEL

Title (de)

EINLEGEKÖRPER ZUM SCHUTZ DER AUFPRALLFLÄCHE EINES GIESSSTAHL IN EINEM METALLURGISCHEN GEFÄSS

Title (fr)

DALLE DE PROTECTION DE LA ZONE D'IMPACT D'UN JET DE METAL LIQUIDE ENTRANT DANS UN RECIPIENT METALLURGIQUE

Publication

EP 1567297 B1 20070321 (DE)

Application

EP 03775174 A 20031008

Priority

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- EP 0311125 W 20031008

Abstract (en)

[origin: DE10257395A1] A vessel acts as an intermediate storage point for molten steel prior to its discharge into a casting mold. The vessel is protected from the impact of incoming molten metal by a tundish (4) which has a cover (4d) which is partially destroyed by the incoming molten metal (3). The tundish is made of a incombustible material. The thin-walled cover is made of the same type of metal as the incoming molten steel and is perforated or incorporates fenestrations. The dish diameter is only slightly larger than the flow of incoming molten metal.

IPC 8 full level

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CPC (source: EP)

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Cited by

KR20170072871A; CN102917817A; WO2016025948A1; US9308581B2; US9643248B2

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