

Title (en)
INORGANIC COATED SAND

Title (de)
ANORGANISCHER BESCHICHTETER SAND

Title (fr)
SABLE REVÊTU INORGANIQUE

Publication
EP 4342600 A1 20240327 (EN)

Application
EP 21940891 A 20211115

Priority
• JP 2021084739 A 20210519
• JP 2021171022 A 20211019
• JP 2021041860 W 20211115

Abstract (en)
Provided is a method for reducing sand burning in a cast by a casting mold, which is manufactured using inorganic coated sand including a refractory aggregate and an inorganic binder layer formed on a surface of the refractory aggregate, in which the inorganic binder layer contains one or more selected from the group consisting of graphite, mica, and zirconium silicate, and a total content of the graphite, the mica, and the zirconium silicate is 7 parts by mass or greater and 70 parts by mass or less with respect to 100 parts by mass of an inorganic binder.

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B22C 1/02 (2013.01); **B22C 1/18** (2013.01); **B22C 1/188** (2013.01)

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Designated extension state (EPC)
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