

Title (en)

STOCK SOLUTION OF PARTING COMPOUND FOR GREEN SAND MOLDING.

Title (de)

VORRABLÖSUNG EINER TRENNMITTELVERBINDUNG FÜR GIESSEREISANDFORMEN.

Title (fr)

SOLUTION-MERE D'UN LUBRIFIANT DE MOULE DESTINE AU MOULAGE AU SABLE VERT.

Publication

EP 0628366 A4 19950809 (EN)

Application

EP 94903069 A 19931227

Priority

- JP 8471593 A 19930412
- JP 9301892 W 19931227
- JP 34818592 A 19921228

Abstract (en)

[origin: EP0628366A1] A parting compound for green sand molding, which contains hydrocarbon oil as the principal agent and other essential components including a surfactant as a dispersant and an anionic surfactant and/or strongly basic amine as a wettability improver. This compound is used in the form of oil-in-water emulsion by diluting with water. Because of the dilutability with water, this compound can be readily stored and transported in a non-bulky state. Furthermore, the proportion of water can be increased as compared with that of the hydrocarbon oil in the step of applying the compound, thus contributing to resource saving and improvement in the resistance to fire hazard. <IMAGE>

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B22C 3/00

IPC 8 full level

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Citation (search report)

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- [A] US 4676997 A 19870630 - LAFAY VICTOR S [US], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 120 (M - 1379) 12 March 1993 (1993-03-12)
- See references of WO 9414556A1

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CN106042231A; WO2007049776A1; US9421605B2

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