

Title (en)  
FOUNDRY BINDER SYSTEMS

Title (de)  
GIESSEREIBINDERSYSTEME

Title (fr)  
SYSTÈMES LIANTS DE FONDERIE

Publication  
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Application  
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Abstract (en)  
[origin: WO2012127299A1] The present invention relates to foundry binder systems forming a polyurethane that can be hardened with a catalytically effective amount of a hardening catalyst, comprising at least one phenolic resin component comprising at least: a phenolic resin and a solvent of triacetin type and a polyisocyanate component. The invention also relates to foundry mixes prepared from binder and an aggregate, foundry forms such as cores and moulds prepared by no-bake or cold-box processes, and also the respective processes. The foundry forms obtained by the present invention are in particular used for manufacturing metal parts, especially for casting metal parts.

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