

Title (en)  
LOW EMISSION COLD CURING BINDERS FOR FOUNDRY INDUSTRY

Title (de)  
EMISSIONSARMES, KALTHÄRTENDES BINDEMittel FÜR DIE GIESSEREIINDUSTRIE

Title (fr)  
LIANT DURCISSABLE À FROID À FAIBLE ÉMISSION POUR L'INDUSTRIE DE LA Fonderie

Publication  
**EP 3495073 B1 20200715 (DE)**

Application  
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Abstract (en)  
[origin: WO2012080454A1] The present invention relates primarily to a mixture, which is suitable for use in the no-bake method for producing cores and molds for the foundry industry, and to a reaction mixture comprising such a mixture and an acid hardener (i.e. a catalyst acid). The present invention further relates to a method for producing a mixture according to the invention and to a method for producing a casting mold or a core. The invention further relates to a casting mold or a core for producing metal bodies and to a kit comprising a mixture according to the invention and certain acid hardeners. The invention also relates to the use of a mixture according to the invention as a cold-setting binder and to the use of such mixtures or reaction mixtures in a no-bake method for producing metal bodies.

IPC 8 full level  
**B22C 1/22** (2006.01)

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Citation (opposition)  
Opponent : ASK Chemicals GmbH  
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• DE 102008024727 A1 20091126 - ASHLAND SUEDCHEMIE KERNFEST [DE]  
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• US 4176114 A 19791127 - STEWART PATRICK H [US], et al  
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• KREY THOMAS: "Nachstellung des bindemittels KH-Z2 aus patent EP 2651581 B1", ASK CHEMICALS - WE ADVANCE YOUR CASTING, 1 April 2020 (2020-04-01), pages 1 - 11, XP055962681  
• ANONYMOUS: "VERORDNUNG (EG) Nr. 790/2009 DER KOMMISSION vom 10. August 2009 zur Änderung der Verordnung (EG) Nr. 1272/2008 des Europäischen Parlaments und des Rates über die Einstufung, Kennzeichnung und Verpackung von Stoffen und Gemischen zwecks Anpassung an den technischen und wissenschaftlichen Fortschritt ", AMTSBLATT DER EUROPÄISCHEN UNION, 9 May 2009 (2009-05-09), pages 1 - 4, XP055962684

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