

Title (en)
PRESSURE-CAST SLIP FOR MANUFACTURING A FIRE-RESISTANT CERAMIC FOR GAS TURBINE ASSEMBLIES

Title (de)
DRUCKGUSSSCHLICHER ZUR HERSTELLUNG EINER FEUERFESTKERAMIK FÜR GASTURBINENANLAGEN

Title (fr)
BARBOTINE DE COULÉE SOUS PRESSION POUR FABRIQUER UNE CÉRAMIQUE IGNIFUGE POUR INSTALLATIONS DE TURBINES À GAZ

Publication
EP 2726439 A2 20140507 (DE)

Application
EP 12743142 A 20120801

Priority

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Abstract (en)
[origin: EP2559678A1] The casting slip comprises particulate mixture of two materials with different coefficients of thermal expansion and organic and/or inorganic binders and floating agents. The mixture has multimodal particle size distribution that is divided into 10-20 weight percent of coarse particles in size range 1-5 mm in diameter, 10-20 weight percent of medium particles in size range 0.5-1 mm in diameter and 60-80 weight percent of fine particles in size range 0.5 mm in diameter and proportions in particle size distribution are selected so that they make up 100 weight percent of mixture.

IPC 8 full level
C04B 35/66 (2006.01); **C04B 33/02** (2006.01); **C04B 33/28** (2006.01); **C04B 35/04** (2006.01); **C04B 35/05** (2006.01); **C04B 35/057** (2006.01); **C04B 35/06** (2006.01); **C04B 35/10** (2006.01); **C04B 35/12** (2006.01); **C04B 35/18** (2006.01); **C04B 35/185** (2006.01); **C04B 35/443** (2006.01); **C04B 35/447** (2006.01); **C04B 35/46** (2006.01); **C04B 35/48** (2006.01); **C04B 35/50** (2006.01); **C04B 35/528** (2006.01); **C04B 35/565** (2006.01); **C04B 35/63** (2006.01); **F23M 5/00** (2006.01); **F23R 3/00** (2006.01)

CPC (source: EP RU US)
B28B 1/26 (2013.01 - RU); **C04B 33/025** (2013.01 - EP US); **C04B 33/22** (2013.01 - EP US); **C04B 33/28** (2013.01 - EP US); **C04B 35/01** (2013.01 - RU); **C04B 35/04** (2013.01 - EP US); **C04B 35/057** (2013.01 - EP US); **C04B 35/06** (2013.01 - EP US); **C04B 35/10** (2013.01 - EP US); **C04B 35/12** (2013.01 - EP US); **C04B 35/18** (2013.01 - EP US); **C04B 35/185** (2013.01 - EP US); **C04B 35/443** (2013.01 - EP US); **C04B 35/447** (2013.01 - EP US); **C04B 35/46** (2013.01 - EP US); **C04B 35/48** (2013.01 - EP US); **C04B 35/50** (2013.01 - EP US); **C04B 35/505** (2013.01 - EP US); **C04B 35/528** (2013.01 - EP US); **C04B 35/565** (2013.01 - EP US); **C04B 35/63** (2013.01 - US); **C04B 35/6316** (2013.01 - EP US); **C04B 35/636** (2013.01 - EP RU US); **C04B 35/66** (2013.01 - EP US); **C04B 38/007** (2013.01 - US); **C04B 38/0074** (2013.01 - US); **F23M 5/00** (2013.01 - EP US); **F23R 3/007** (2013.01 - EP RU US); **C04B 2235/3217** (2013.01 - RU); **C04B 2235/3222** (2013.01 - RU); **C04B 2235/3229** (2013.01 - EP US); **C04B 2235/3241** (2013.01 - RU); **C04B 2235/3244** (2013.01 - RU); **C04B 2235/3427** (2013.01 - EP US); **C04B 2235/349** (2013.01 - EP US); **C04B 2235/38** (2013.01 - RU); **C04B 2235/5427** (2013.01 - EP US); **C04B 2235/5463** (2013.01 - RU); **C04B 2235/5472** (2013.01 - EP US); **C04B 2235/6027** (2013.01 - EP US); **C04B 2235/77** (2013.01 - EP US); **F23M 2900/05004** (2013.01 - EP US); **F23R 2900/00018** (2013.01 - EP US)

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