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Inorganic Admixtures for Preventing Conversion Phenomena in High-Alumina Cements

Tech ID: 23701 / UC Case 2013-634-0

SUMMARY

Professor Sant and colleagues have developed a method to prevent the strength loss caused by increased porosity seen in high alumina cement systems. The addition of inorganic admixtures serves to suppress hydrogarnet formation at the expense of more stable AFm phases. The result is high-alumina cement with increased volume stability and corrosion resistance.

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	9,725,366	08/08/2017	2013-634

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INVENTORS

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OTHER INFORMATION

KEYWORDS

cleantech

CATEGORIZED AS

- ▶ **Engineering**
 - ▶ Engineering
 - ▶ **Materials & Chemicals**
 - ▶ Other

RELATED CASES

2013-634-0

ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

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