

Title (en)
HIGH PERFORMANCE CEMENT AND PRODUCTION PROCESS

Title (de)
HOCHLEISTUNGSZEMENT UND HERSTELLUNGSVERFAHREN

Title (fr)
CIMENT HAUTE PERFORMANCE ET SON PROCÉDÉ DE PRODUCTION

Publication
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Application
EP 10728930 A 20100428

Priority

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- TR 200903373 A 20090429

Abstract (en)
[origin: WO2010126457A2] This invention is related to the production of High Performance Cement (HPC) where the clinker (being the raw material for ordinary Portland cement (OPC) which is the major material in the construction industry), is ground through a special grinding technology (regarding conformity to the designated principles during grinding, like; regime temperature, humidity, grinding duration) by adding a modifier (complex chemical composition) for improving mechanical-chemical properties of the cement particles, resulting production of high performance cements such as HPC 62.5 with better properties than the known cements in the standards. The invention is also related to the use of same technology to improve the performance and quality of the composite cement types with reduced clinker content for replacement of other additions such as; slag, limestone, sand, fly ash, trass (pozzolan) etc. The invention also defines the production process and production units of the high performance cement.

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Cited by
CN113003994A; CN115286268A

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