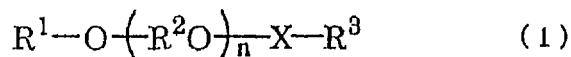


ABSTRACT

CEMENT ADMIXTURE AND CEMENT COMPOSITION

The objective of the present invention is to provide a cement additive which causes no increase in the amount of air and can thus stably maintain the amount of air entrained even when the time of kneading is prolonged in the production of cement compositions. A further object is to provide a cement admixture having such air entraining properties and having a high level of water-reducing capacity as well as a cement composition.

A cement additive comprising a compound (A) represented by the following general formula (1);



in the formula, X represents $-\text{CO}-$ or $-\text{CH}_2\text{CH}_2\text{NHCO}-$, R^1 represents a hydrocarbon group containing 1 to 30 carbon atoms, the n $R^2\text{O}$ groups may be the same or different and each represents an oxyalkylene group containing 2 to 18 carbon atoms, n represents the average molar number of addition of the oxyalkylene group and is an integer of 1 to 300 and R^3 represents a group having at least one carboxyl or sulfonyl group or a salt thereof.

(Figure 2)



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