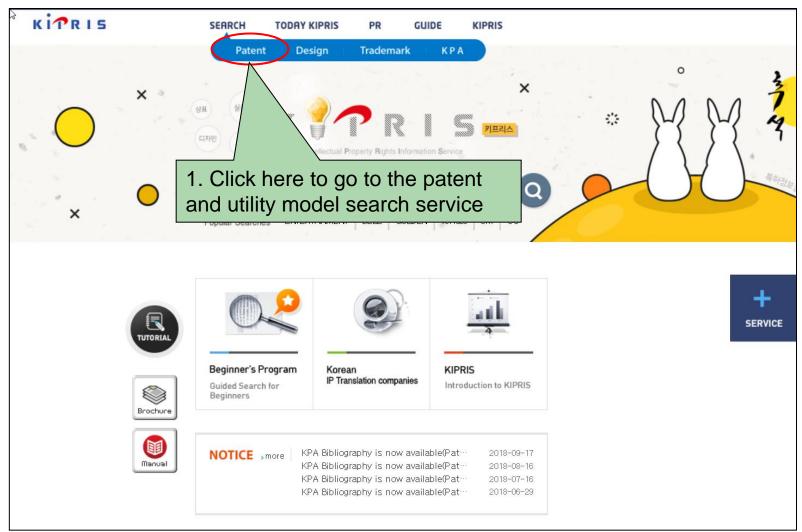
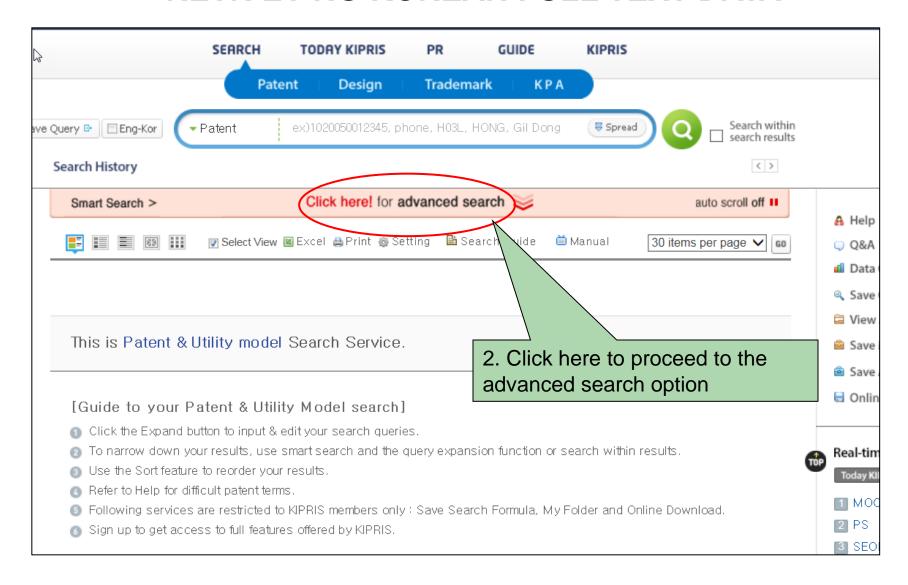
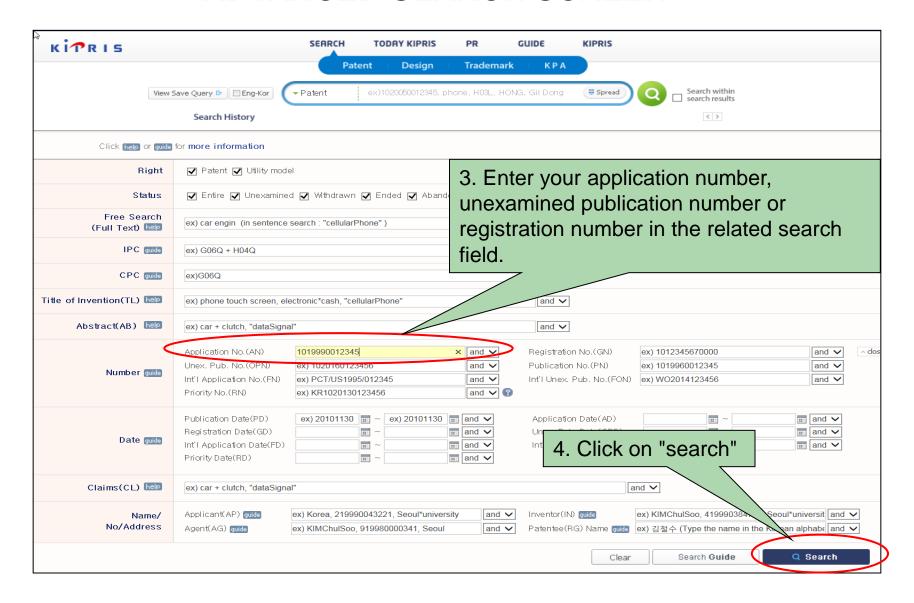
# RETRIEVING KOREAN FULL TEXTS AND MACHINE TRANSLATIONS



#### RETRIEVING KOREAN FULL TEXT DATA



### **ADVANCED SEARCH SCREEN**

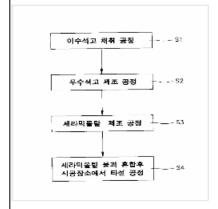


#### **RESULTS LIST**

5. Click on "Pub" to proceed to Korean full texts

☐ Total 1 Articles (1 / 1 Pages)

Ended [1] MANUFACTURING METHOD AND MATERIAL FOR SELFLEVELING CERAMIC MORTAR USING BY-PRODUCT OF POWER STATION(화력발전소의 부산물을 이용한 유동성 세라믹몰탈 제조방법 및 유동성 세라믹몰탈)



Application No.(Date): 1019990012345 (1999.04....

IPC: C04B 18/04 C04B 28/04 C04B 103/30 C04B 103/50

Applicant: BOMWOO CO., LTD.

KPA (Korea Patent Abstract) PURPOSE: A prepa

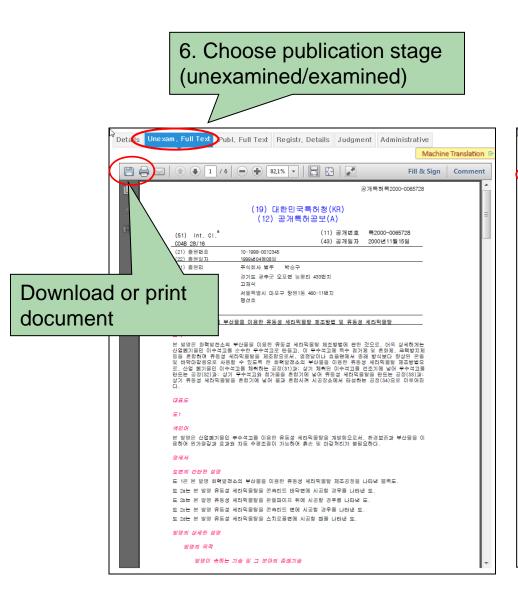
PURPOSE: A preparation method of self-leveling mortar using by-products of thermoelectric power plant is provided, which

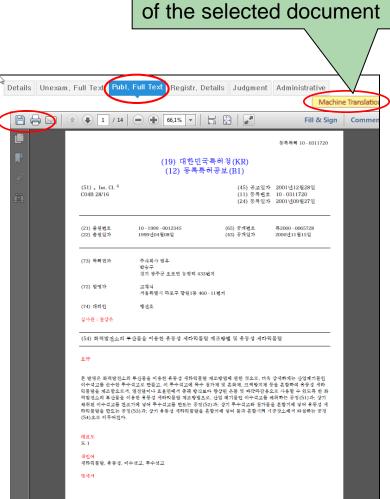
saves manufacturing costs and has improved heat transfer, strength and durability for a hot-floor(ondol) and bottom materials.CONSTITUTION: The method comprises the steps of gathering gypsum(Ca2SO42H2O), industrial wastes(S1); drying gypsum(Ca2SO42H2O) for evaporating water(S2), thereby obtaining anhydrous gypsum(Ca2SO4); mixing it with additives to prepare the self-leveling mortar(S3); mixing the self-leveling mortar with water for

PUB

Trial

**FULL TEXTS/ MACHINE TRANSLATIONS** 

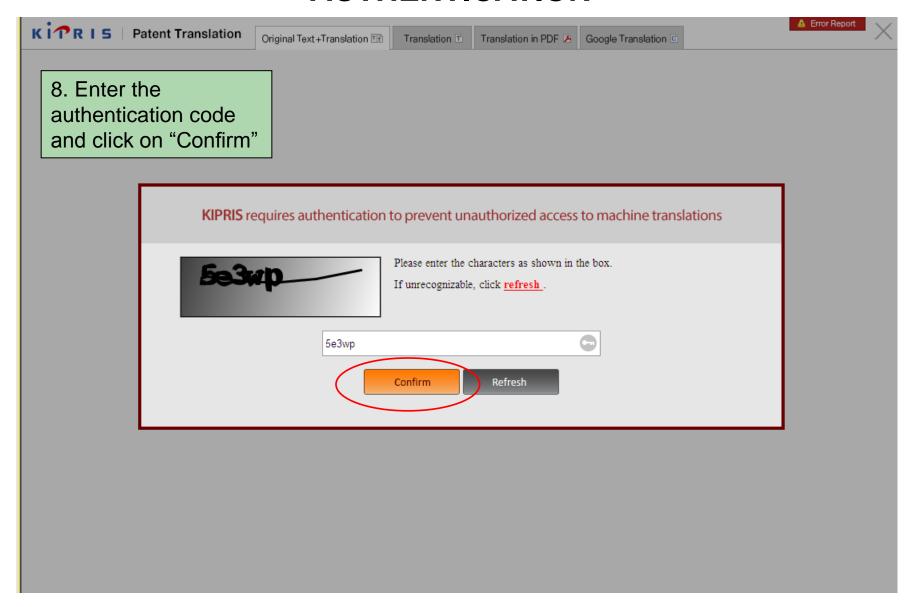




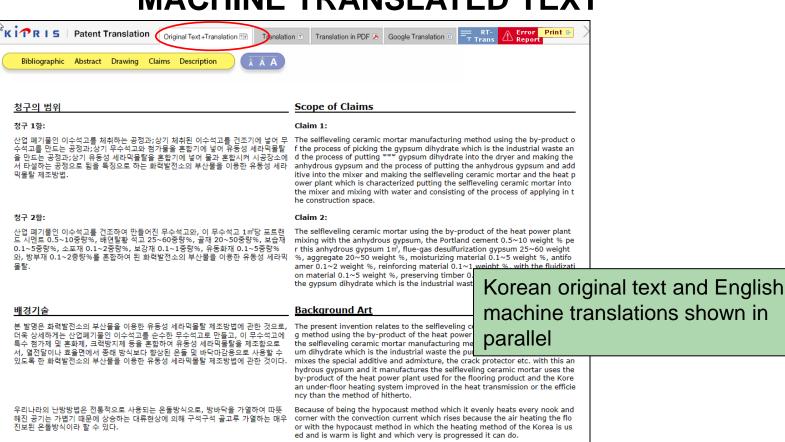
7. Click here to obtain an

English machine translation

## **AUTHENTICATION**



### MACHINE TRANSLATED TEXT



Because of being the hypocaust method which it evenly heats every nook and corner with the convection current which rises because the air heating the flo or with the hypocaust method in which the heating method of the Korea is us

Moreover, recently, in all construction sites, the accuracy and high quality sec urity of the construction are desperately required and it is faced with serious problem points including the shortage and rise of labor costs of the skilled wo rker etc. and the loss due to the image decline according to the quality dissati faction group of not only economic loss very large with the repair and reconst ruction etc. but also the consumer etc. very grow up with the defect generatio n by the cracking of the finisher mortar being used currently.

Moreover, the current apartment and officetel construction etc. across the cou ntry very have a large amount of the amount of materials but cracking is dra wn in all plastering finish layers and the problem of the smoothness is genera ted and the conservation is performed before the standing column with the cr ack repair material but the perfective maintenance is impossible and it is the actual condition in which the loss due to the fixing of defects is very serious af ter the standing column of many number of household

하자보수로 인한 손실이 매우 큰 실정이다.

이 매우 크다고 할 수 있다.

또한, 최근 들어 모든 건설현장에서 시공의 정밀성과 고품질의 확보가 절실히 요구되 고 있으며, 숙련공의 부족과 인건비 상승 등의 심각한 문제점들에 직면하고 있으며, 현

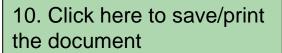
재 사용되고 있는 미장몰탈의 균열에 의한 하자 발생으로 보수 및 재시공 등 매우 큰

경제적 손실 뿐만 아니라 소비자의 품질 불만족에 따른 이미지 하락으로 인한 손실 등

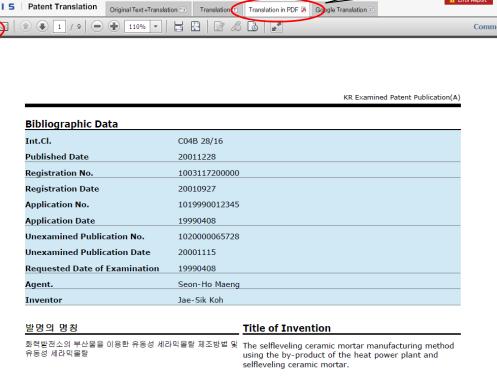
또한, 현재 아파트 및 오피스텔 공사 등이 전국적으로 그 물량이 대단히 많으나 모든

미장 마감층에 균열이 생기고, 평활도의 문제가 발생되고 있어 입주 전에 균열 보수재

료에 의해 보수를 실시하고 있으나 완전 보수가 불가능하여 입주 후 많은 세대수에서



9. Click here to obtain a PDF version of the text



본 발명은 화력발전소의 부산물을 이용한 유동성 세라믹몰탈 제조방법에 관한 것으로, 더욱 상세하게는 산업폐기물인 이수 석고를 순수한 무수석고로 만들고, 이 무수석고에 특수 첨가제 및 바닥마감용으로 사용할 수 있도록 한 화력발전소의 부산 (S3)과; 상기 유동성 세라믹몰탈을 혼합기에 넣어 물과 혼합시 and admixture the gypsum dihydrate is more 켜 시공장소에서 타설하는 공정(S4)으로 이루어진다.

#### Abstract

The invention relates to the selfleveling ceramic mortar manufacturing method using the by-product of the heat power plant. And it comprises the special additive in this anhydrous gypsum and admixture the gypsum dihydrate, the process (S1), the process (S2) putting \*\*\* gypsum dihydrate into the dryer and makes the anhydrous gypsum, the process (S3) putting the anhydrous gypsum and additive into the mixer and makes the selfleveling ceramic mortar, and the process (S4). The special additive in this anhydrous gypsum specifically, the industrial waste is made the pure anhydrous gypsum. The process (S1) mixes the crack protector etc. and it manufactures the selfleveling