INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

सत्यमेव जयते
GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details	
APPLICATION NUMBER	201921010282
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/03/2019
APPLICANT NAME	K. J. SOMAIYA COLLEGE OF ENGINEERING
TITLE OF INVENTION	COMPOSITION FOR BRICK
FIELD OF INVENTION	GENERAL ENGINEERING
E-MAIL (As Per Record)	paragm.more@gmail.com
ADDITIONAL-EMAIL (As Per Record)	paragm.more@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	22/08/2019
PUBLICATION DATE (U/S 11A)	30/08/2019

Application Status	
APPLICATION STATUS	FER Issued, Reply not Filed

View Documents

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/03/2019

(21) Application No.201921010282 A
(43) Publication Date : 30/08/2019

(54) Title of the invention : COMPOSITION FOR BRICK

(51) International classification	:B09B 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)K. J. SOMAIYA COLLEGE OF ENGINEERING
Address of Applicant :K. J. SOMAIYA COLLEGE OF ENGINEERING, VIDYANAGAR, VIDYAVIHAR (E), MUMBAI 400077, MAHARASHTRA, INDIA Maharashtra India
(72)**Name of Inventor :**
1)Dr. Nandkumar R Gilke
2)Dr. Kashinath N Patil
3)Mr. Sandip Langade

(57) Abstract :
Utilization of bagasse as fuel produces large quantities of bagasse ash, which is disposed off to landfills. This bagasse ash is light weight and carries potential to cause air-pollution in the form of suspended particles in fog and smog. Its deposition on plants directly interferes with the rate of photosynthesis and therefore affects the quality of the crops and its yield from the farms in vicinity of such disposal site. Mixing of the bagasse ash with ground water, especially during rainy season, leads to mixing of heavy and toxic metals of the ash with ground water. According to current invention, up to 80% of the clay could be replaced in the brick by bagasse ash and the fibrous material. This is a great saving over the clay resulting in an economic, natural resource saving, environment friendly and green chemistry based product. This also brought a substantial reduction in manufacturing time.

No. of Pages : 14 No. of Claims : 14