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## (54) Title of the invention: SECURE ONLINE WEATHER FORECASTING USING HOMOMORPHIC ENCRYPTION

(51) International classification (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:G01W 011000, G06Q 203800, G09C 010000, H04L 090000, H04L 093000 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Chitkara University Address of Applicant: Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala
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## (57) Abstract:

The present disclosure relates to a system and method for weather forecasting utilizing homomorphic encryption. The method includes obtaining weather information from multiple sources, encrypting the obtained weather information using homomorphic encryption and decrypting the encrypted weather information and presenting it to a user.

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