

(54) Title of the invention : “MECHANICAL GRINDING ASSISTED MICROWAVE ASSEMBLY FOR SYNTHESIS OF ORGANIC COMPOUNDS”

(51) International classification :H05B0006800000, B24C0009000000, D21D0001200000, H05B0006640000, H01M0010052000

(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

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(57) Abstract :

The present invention relates to the mechanical grinding assisted microwave assembly for synthesizing of organic compounds. In the present invention, disclosed herein is mechanical grinding assisted microwave assembly which is based on combination of both the methods in which synthesis of organic compounds done by mechanical grinding as well as microwave heating simultaneously. The said assembly in the present invention provides combined effect of microwave irradiation and mechanical grinding thereby making it suitable for high temperature occurring reaction.

No. of Pages : 17 No. of Claims : 8