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<p>(51) International classification :A61K0036480000, A61K0009000000, A61K0031167000, A61K0047100000, A61K0047320000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : <b>1)Chitkara University</b> Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India -----</p> <p><b>2)Chitkara Innovation Incubator Foundation</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : <b>1)Dr. Somdutt Mujwar</b> Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- ---</p> <p><b>2)Dr. Samrat Chauhan</b> Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- ---</p> <p><b>3)Dr. Pooja Mittal</b> Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- ---</p> <p><b>4)Dr.Sanjana Mehta</b> Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- ---</p> <p><b>5)Dr. Thakur Gurjeet Singh</b> Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- ---</p>
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(57) Abstract :  
ABSTRACT MUCOADHESIVE GEL COMPOSITION OF ACACIA CATECHU AND LIDOCAINE HYDROCHLORIDE The present invention relates to a mucoadhesive gel composition for mouth ulcers comprising of a combination of a natural astringent-gallic acid of acacia catechu extract and a local anaesthetic – lidocaine hydrochloride, along with a polymer, a solvent system, a neutralizer and at least one preservative. It provides for a local mucoadhesive gel composition, with enhanced oral bioavailability and rapid action, with a drug release of at least 85% in two hours. The present invention also discloses a method for formulation of the mucoadhesive gel composition.

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