

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011025625 A

(19) INDIA

(22) Date of filing of Application :18/06/2020

(43) Publication Date : 07/08/2020

(54) Title of the invention : INHALABLE MICROPARTICLES OF HYDROXYCHLOROQUINE FOR MANAGEMENT OF ACUTE RESPIRATORY SYNDROME

(51) International classification	:A61K 31/4706 A61K 9/00 A61K 9/16	(71)Name of Applicant : 1)Chitkara Innovation Incubator Foundation Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India (72)Name of Inventor : 1)ARORA, Sandeep 2)SINGH, Sukhbir 3)SHARMA, Neelam
(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	

(57) Abstract :

The present invention relates to inhalable microparticles for systemic delivery. Specifically, the present invention relates to a formulation comprising inhalable microparticles of Hydroxychloroquine and surfactant. The present invention further relates to a process for preparing the formulation comprising inhalable microparticles of Hydroxychloroquine and surfactant based on quasi-emulsification solvent evaporation technique followed by freeze drying. The present invention also provides a method for the management of Acute Respiratory Syndrome associated with COVID and viral morbidities comprising administering pharmaceutically effective amount of inhalable microparticles.

No. of Pages : 20 No. of Claims : 14