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Application Details

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APPLICANT NAME	YASHAVANTRAO CHAVAN INSTITUTE OF SCIENCE, SATARA
TITLE OF INVENTION	A PROCESS FOR PRODUCING SILK
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	dewan@rkdewanmail.com
ADDITIONAL-EMAIL (As Per Record)	helpdesk@rkdewanmail.com
E-MAIL (UPDATED Online)	
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(54) Title of the invention : A PROCESS FOR PRODUCING SILK

(51) International classification	:A61K0036605000, B01D0061120000, H01M0004880000, A61K0036537000, A61K0036074000	(71)Name of Applicant : 1)YASHAVANTRAO CHAVAN INSTITUTE OF SCIENCE, SATARA Address of Applicant :Sadar Bazar Camp, Satara 415001, Maharashtra, India Satara Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
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(57) Abstract :

ABSTRACT A PROCESS FOR PRODUCING SILK The present disclosure relates to a process for producing silk. The process comprises the steps of diluting a stock solution of an azo dye having a predetermined concentration in water, in a first predetermined ratio to obtain a diluted solution of the azo dye. Subsequent to obtaining diluted solution, mulberry leaves are soaked into the diluted solution for a first predetermined time period to obtain dye treated mulberry leaves. The dye treated mulberry leaves are then air dried for a second predetermined time period to obtain dried dye treated mulberry leaves. The dried dye treated mulberry leaves are fed to silk worm larvae to produce high yield of silk. The process has no toxic side effects on the growth of the silkworm and is a simple cost effective process for the production of silk with high yield.

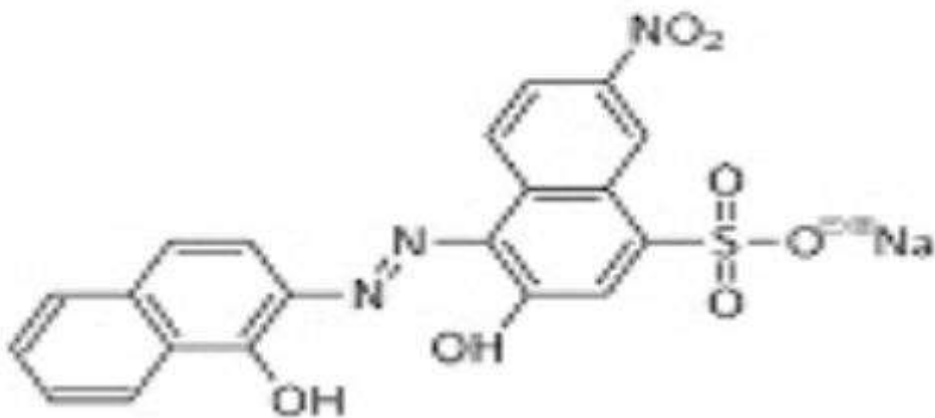


FIGURE 1

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