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Patent Search

Invention Title	A PROCESS OF PREPARATION OF BIODEGRADABLE IV SALINE BAGS AND PRODUCT THEREOF
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Abstract:

TITLE: A PROCESS OF PREPARATION OF BIODEGRADABLE IV SALINE BAGS AND PRODUCT THEREOF APPLICANT: 1. BHARATH INSTITUTE OF HIGHER EDUCATION AND BHAARATH MEDICAL COLLEGE AND HOSPITAL ABSTRACT The present invention discloses a process of preparation of biodegradable IV saline bags. The process of the invention comprises of following steps; a. mixing dried powdered rice husk with NaOH under constant stirring followed by filtering to form precipitate and filtrate-I and hydrogenperoxide to the precipitate under constant stirring followed by filtering to form residue and filtrate-II and washing the residue with water until the filtrate of pH of 7 to form cellulose as residue in which the filtrate-I and II is discarded; b. adding the cellulose with acetic acid followed by heating to form cellulose solution; c. r cellulose solution with Glyoxal and chitin to form biopolymer resin; d. subjecting the biopolymer resin to compression molding having top and bottom hallow semi-re mould and compressing and filling bottom mold with saline and heat sealing with the top mould to form biodegradable IV saline bags.

Complete Specification

Description:Form 2

THE PATENT ACT, 1970
(39 of 1970)

&

THE PATENT RULES, 2003
COMPLETE SPECIFICATION
(See section 10 and rule 13)

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