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(71) Applicant: **BIOCON BIOLOGICS LIMITED** [IN/IN];
Biocon House, Ground Floor, Tower - 3, Semicon Park,
Electronic City, Phase - II, Hosur Road, Karnataka, Bengaluru 560100 (IN).

(72) Inventors: **SHAIKH, Azimoddin Minyasab**; C101,
Daaliya, Daddys Garden, Kammasandra, Karnataka, Bengaluru 560100 (IN). **HAZRA, Partha Pratim**; Apartment
No. S 19, Meenakshi Residency, 41/1 Arekere Bannerghata
Road, Karnataka, Bengaluru 560076 (IN). **SHUKLA, Vibhava**; I-1301, Smondo 3.0, Neotown Hullimangala Village,
Electronic City Phase I, Karnataka, Bengaluru 560100 (IN). **GANIGER, Kartik Shivappa**; Room number 302, Skanda,
Residency, RK Layout, Bommasandra industrial area,
Hebbagodi, Karnataka, Bengaluru 560099 (IN).

(74) Agent: **SAHNEY, Garima**; SAIKRISHNA &
ASSOCIATES ADVOCATES, B-140, Sector 51, Uttar
Pradesh, Noida 201301 (IN).

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(54) Title: A PROCESS OF FLOCCULATION TO PURIFY CRUDE FERMENTATION BROTH

(57) Abstract: The present invention relates to process of flocculation to purify recombinant proteins from a crude fermentation broth of Insulin and Insulin analogues or derivatives at a manufacturing scale in the presence of urea and Triton-X-100 at specific pH. The flocculation process is followed by at least one centrifugation and pH adjustment step for further clarification of the broth. This is further followed by filtration for final removal of any floccules present and chromatography steps to capture the pure protein. A high product recovery of more than 95% was achieved using this process.

WO 2023/053132 A1