

Title (en)

CLARIFICATION PROCESS AT HIGHER CELL DENSITY

Title (de)

KLÄRUNGSVERFAHREN BEI HÖHERER ZELLDICHTE

Title (fr)

PROCÉDÉ DE CLARIFICATION À UNE DENSITÉ DE CELLULES SUPÉRIEURE

Publication

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Application

**EP 09820285 A 20091016**

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Abstract (en)

[origin: WO2010043700A1] The present invention relates to a method for the clarification of a cell broth containing mammalian cells as well as secreted desired biological substances having an overall positive charge in the cell broth wherein the cells are present at a high cell density by contacting the cell broth with anion exchange material, allowing an adequate incubation time to allow formation of a cell pellet and a supernatant layer, and separating the resulting cell pellet from the supernatant layer. The present invention further relates to a method for the recovery of secreted desired biological substances from a cell broth containing mammalian cells at a high cell density producing the secreted desired biological substance having an overall positive charge in the cell broth by performing the steps above, followed by extracting secreted desired biological substances from the supernatant layer.

IPC 8 full level

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