

Title (en)
METHOD AND APPARATUS FOR SELECTIVELY INJECTING FIBRE MATERIAL FROM MULTIPLE CHAMBERS INTO A SINGLE CHAMBER

Title (de)
VERFAHREN UND VORRICHTUNG ZUM SELEKTIVEN EINSPRITZEN VON FASERMATERIAL AUS MEHREREN KAMMERN IN EINE EINZIGE KAMMER

Title (fr)
PROCÉDÉ ET APPAREIL POUR INJECTER DE MANIÈRE SÉLECTIVE UN MATÉRIAU FIBREUX À PARTIR DE MULTIPLES CHAMBRES DANS UNE CHAMBRE UNIQUE

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Application
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Abstract (en)
[origin: WO2020012258A1] An apparatus 200 and method for selectively injecting fibre material from multiple chambers into a single chamber in blow room of a spinning facility is disclosed, which use short duration bursts of pressurized gaseous fluid from nozzles 208 located adjacent to openings 206 provided in each of the plurality of chambers 202, each chamber 202 holding a different type/batch of fibre material, to evacuate predetermined quantities of fibre materials from different chambers 202, and eject the evacuated material into a mixing chamber 204. Duration/frequency of the short duration bursts is controlled to evacuate the predetermined quantities from different chambers. The bursts of the pressurized gaseous fluid also enable opening of the fibre material and spreading the opened fibres in to the mixing chamber 204 resulting in cleaning and better mixing of the fibres.

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Citation (search report)
• [YA] US 2641028 A 19530609 - HARMON STEELE
• [YA] CN 104499113 A 20150408 - ZHEJIANG SHENJI TEXTILE CO LTD
• [A] DE 19919447 A1 20001116 - ERKO TEXTILMASCHINEN GMBH [DE]
• [A] US 3453355 A 19690701 - RUDLOFF BERNARD
• See references of WO 2020012258A1

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