

Title (en)

Process and apparatus for collecting mineral fibres.

Title (de)

Verfahren und Einrichtung zur Ablagerung von Mineralfasern.

Title (fr)

Procédé et dispositif de réception de fibres minérales.

Publication

EP 0406106 B1 19931222

Application

EP 90401838 A 19900627

Priority

EP 89401863 A 19890629

Abstract (en)

[origin: JPH0340817A] PURPOSE: To widen the density range in both the low- and high-density directions in order to increase the flexibility of a production line while maintaining and improving the quality of the resultant product by increasing the surface area of a collection zone in the direction to increase the density on a conveyor belt. CONSTITUTION: Fibers are collected by sucking a gas and each fiber producing machine 1 has a collection zone Zi of its own. The fibers collected in different collection zones Zi are taken out to the outside of the collection zones Zi with the one or more zones Zi in order to afford a mineral wool mat. For the purpose, fibers and a gas produced by a set of fiber producing machines 1 are separated. At this time, the closer a machine 1 is to the final zone of fiber forming, the further separated the machine 1 is from the adjacent fiber producing machine or machines 1. The fibers from the most distant fiber producing machine 1 are deposited onto the same conveyor belt to thereby compensate for an increase in the gas flow resistance.

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D04H 1/00; D04H 1/72

IPC 8 full level

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