

Title (en)

Process and apparatus for producing non-woven mineral wool, in particular rock wool.

Title (de)

Verfahren und Einrichtung zur Herstellung von Mineralwollevliesen aus insbesondere Steinwolle.

Title (fr)

Procédé et dispositif de fabrication de non tissés en laine minérale, en particulier laine de roche.

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0404982A1] In the continuous production of non-woven mineral wool, fibre/gas/air mixtures (3, 4) generated by a plurality of unravelling units (14 to 17) are directed, to form a wool lap (25), onto collecting conveyor units (19, 21) having curved suction surfaces (c, d) which are under suction pressure. The arrangement is such that each fibre/gas/air mixture formed by the individual unravelling units (14 to 17) is assigned an imaginary suction surface increasing in size in the conveying direction, specifically d c. It is thereby possible, in a space-saving design, with a constant suction pressure to produce on each collecting conveyor unit mineral-wool laps of rock wool with bulk densities even below 25 kg/m³ of good product quality. Furthermore, multi-layered felt webs can be formed by connecting a plurality of units in series or by an oscillating deposition of an individual lap. <IMAGE>

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CPC (source: EP)

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Cited by

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