

Title (en)
CROSS-LAPPER

Title (de)
KREUZLEGER

Title (fr)
MACHINE DE CROISEMENT DE VOILE

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Application
EP 11758219 A 20110921

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Abstract (en)
[origin: WO2012059272A1] The invention relates to a cross-lapper and to a method for forming a nonwoven fabric made of a plurality of pile layers, consisting of an continuously revolving feed belt (E), a counter belt (D) continuously revolving at the same speed in the opposite direction, as well as an additional counter belt (G), wherein the pile (F) to be laid is first conveyed between a feed belt and cover belt (E, D) to a movable upper carriage (OW), which comprises a first deflection roller (O) for the feed belt (E), and is transferred there to the counter belt (G), wherein the feed and counter belts (E,G) are guided around two adjacent laying rollers (LE, LG) of a laying carriage (LW) which form a laying gap, and the laying carriage (LW) is movably mounted transversely to and above a discharge belt (AB) receiving the nonwoven fabric to be laid and moves back and forth periodically. According to the invention, the cover belt (D) is guided jointly with the feed belt (E) around a partial circumference of the first deflection roller (O).

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