

Title (en)  
CROSS-LAPPER

Publication  
**EP 0315930 B1 19930512 (DE)**

Application  
**EP 88118516 A 19881107**

Priority  
DE 3738190 A 19871110

Abstract (en)  
[origin: EP0315930A2] The invention relates to a cross-lapper (1) with at least two rotating conveyor bands (6, 7) and at least two carriages (4, 5) moved in a reversing manner and accelerated at the reversal points of their travel. To influence the pile thickness in a controlled manner, the band running speed and the travelling speed of the carriages are uncoupled from one another between the acceleration phases and are set differently in relation to one another. For this, there are separate drives (14, 15), especially servo-drives, at least one of which has a freely programmable control (15, 13). In the travel zones between the reversal points of the carriages (4, 5), a constant or variable speed difference in relation to the conveyor bands (6, 7) is produced, this being expressed in a change in the deposited pile thickness (9). When the carriages (4, 5) move faster, the pile becomes thicker, and with the opposite speed difference the pile thickness becomes smaller. <IMAGE>

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IPC 8 full level  
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**D01G 25/00** (2013.01 - EP US); **D04H 1/74** (2013.01 - EP US); **Y10S 493/937** (2013.01 - EP US)

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