

Title (en)
Sawing machine and respective operating method

Title (de)
Sägemaschine und Verfahren zum Betrieb dafür

Title (fr)
Machine à scier et procédé pour son fonctionnement

Publication
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Application
EP 12425147 A 20120905

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Abstract (en)
[origin: EP2567797A1] The present invention concerns a sawing machine (1) for panels (P) comprising a table (2), on which said panels (P) are supplied, means for moving said panels (P) in said table (2), and a cutting section (3) of said panels (P), said machine (1) being characterized in that said cutting section (3) comprises at least one incision-cut unit (31) transversely movable according to two advancement-directions with respect to the direction of movement of said panels, which, in its turn, comprises: a first central circular blade (41), capable to assume a rest position and a cutting position, and to rotate in a first direction; a second circular blade (42), arranged in series to said first blade (41), having a thickness greater than that of said first blade (41), and rotating in a second direction, discordant with the one of said first blade (41), said second blade (42) being capable to assume a rest position, one or more incision positions and one or more cutting positions; and a third blade (43), arranged in series to said first blade (41), opposite with respect to said second blade (42), said third blade (43) having a thickness greater than that of said first (41) and second (42) blades, rotating according to said first direction, concordant with said first blade (41), and being capable to take a rest position and an incision position; said blades (41, 42, 43) being capable to cut or incise said panels (P) and being capable to be activated in such a way that, in each of said two advancement-directions, with respect to the movement direction of said panels, one of said blades (42, 43) is in incision position and one of said blades (41, 42) is in cutting position. The present invention even concerns an operation method of a saw machine (1) for panels (P).

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