

Title (en)
CUTTING AND SPLITTING MACHINE

Title (de)
TRENN- UND SPALTMASCHINE

Title (fr)
COUPEUSE-FENDEUSE

Publication
EP 4056340 B1 20231122 (EN)

Application
EP 22159070 A 20220228

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Abstract (en)
[origin: EP4056340A1] The invention relates to a cutting splitting machine for cutting sawlog and splitting them into chopped wood, comprising a housing (2) with an attachment piece (3) having a rectangular through hole (4), a splitting section (5) with a splitting knife (6), a cutting section (7) with a circular saw blade (8), and a circular saw guide mechanism which guides the saw horizontally from an initial position (A) to a final position (B) of the circular saw and backwards, wherein the circular saw in its initial position protrudes at least partially from the housing through the through hole (4) in the attachment piece, a folding cover (9) that fits the rectangular through hole (4) and can receive a part of the circular saw, wherein the folding cover (9) is connected to the machine housing by two hinges (10) which are linearly guided in guides (11) arranged on the machine housing so that the folding cover can be linearly moved from the transport position (C) of the folding cover, in which the folding cover is positioned adjacent to the machine housing, in the direction of travel of the circular saw, to a position in which it is distant from the machine housing and can then be pivoted about its hinges to the operating position (D) of the folding cover, in which it can receive the circular saw in its initial position (A). An advantage of the machine according to the invention is that, despite the horizontal layout of the cutting and splitting sections, the machine has a small width which allows transportation on narrow paths. The machine allows a simultaneous operation of the cutting and splitting sections. A further advantage is the machine's low centre of gravity, which ensures greater stability during transport.

IPC 8 full level
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