

Title (en)
CUTTING AND SPLITTING MACHINE

Title (de)
SCHNEID- UND SPALTMASCHINE

Title (fr)
COUPEUSE-FENDEUSE

Publication
EP 4091782 B1 20231115 (EN)

Application
EP 22162373 A 20220316

Priority
SI 202100074 A 20210408

Abstract (en)
[origin: EP4091782A1] The invention relates to a cutting and splitting machine for cutting sawlog and splitting them to chopped wood, comprising a housing (2), a cutting section (3) further comprising a circular saw for cutting sawlog, a splitting section (4) further comprising a pair of vertical guides (5), a vertically movable rectangular frame (6) with splitting knives (7) arranged in guides, at least one hydraulic cylinder (8) for moving the rectangular frame (6), a fixed guard (9) mounted under the rectangular frame, the splitting section further comprising a movable guard (10) telescopically movably connected to the fixed guard (9). When the rectangular frame is in its lower position during the operation of the machine, the fixed guard is retracted into the movable guard, when it is in its upper position during the operation of the cutting and splitting machine, the fixed guard is extracted out of the movable guard, thus the effective height of the guard prevents chopped wood from entering the area between the rectangular frame with the splitting knives and the chopped wood discharge conveyor. The movable guard reduces the need for space under the rectangular frame with the splitting knives when it is in its lower position. As a consequence, a lower cutting and splitting machine can be configured, i.e. having a lower centre of gravity, a lower operating point and a lower sawlog infeed.

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