

Title (en)

SAFETY DEVICE FOR A BANDSAW

Title (de)

SICHERHEITSVORRICHTUNG FÜR EINE BANDSÄGE

Title (fr)

DISPOSITIF DE SECURITE POUR UNE SCIE A RUBAN

Publication

EP 3694669 A1 20200819 (FR)

Application

EP 18812227 A 20181009

Priority

- FR 1759418 A 20171009
- FR 2018052495 W 20181009

Abstract (en)

[origin: CA3078760A1] The invention relates to a safety device for a bandsaw which comprises a frame (17) and a pair of jaws (13) rotatably mounted thereon. The frame (17) is mounted on the framework of the saw with the jaws (3) on either side of the blade. An actuating rod (37) is slidably mounted on the frame (17). A resilient return member (55) constrains this sliding and a two-way transmission (41) transforms it into a rotation of the pair of jaws (13). An electromagnetic actuator (65) is rigidly connected to the frame (17) and a retaining member is rigidly connected to said actuator. The rod (37) has a receiving portion (63) which engages with the retaining member when the rod (37) is in a first position relative to the frame (17). The transmission (41) is arranged so that the jaws (13) are separated from one another when the rod (37) is in this first position. The actuator (65) maintains the engagement while it is receiving power.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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