

Title (en)
A firewood processor

Title (de)
Brennholzprozessor

Title (fr)
Processeur de bois de chauffage

Publication
EP 3056327 A1 20160817 (EN)

Application
EP 15397505 A 20150210

Priority
EP 15397505 A 20150210

Abstract (en)
A firewood processor (300), comprising a saw (410), means (330) for feeding wood (990) for the saw (410), a splitting chute (510), a splitting wedge (600) arranged to split a log (900, 900a), of which at least part is arranged in the splitting chute (510), into pieces (910, 920), a pressure plate (515) arranged to support the log (900, 900a), and means (520) for moving the pressure plate (515) and/or the splitting wedge (600) towards each other in such a way that the log (900, 900a) is configured to be split by said movement. In the firewood processor (300), the splitting wedge (600) is arranged to split the log (900, 900a) into an intermediate split log (910) and at least one firewood-ready piece (920). The firewood processor (300) further comprises a returning element (530) for returning the intermediate split log (910) back to the splitting chute (510) for further splitting and a protector (310) for protecting the user of the firewood processor (300). The firewood processor (300) is configured to automatically return the intermediate split log (910), using the returning element (530), to the splitting chute (510).

IPC 8 full level
B27L 7/00 (2006.01); **B27L 7/06** (2006.01)

CPC (source: EP)
B27L 7/00 (2013.01); **B27L 7/06** (2013.01)

Citation (applicant)
US 4173237 A 19791106 - HEIKKINEN LEO L [US], et al

Citation (search report)
• [YD] US 4173237 A 19791106 - HEIKKINEN LEO L [US], et al
• [Y] DE 202011004286 U1 20110519 - SCHEDLER KASPAR [DE]
• [Y] DE 202014008426 U1 20141125 - SCHEPPACH FABRIKATION VON HOLZ [DE]
• [Y] WO 2011141636 A1 20111117 - REIKAELEVY OY [FI], et al
• [Y] EP 2808140 A1 20141203 - RABAUD SA [FR]
• [Y] US 4157105 A 19790605 - GANSLEY BYRON J [US]
• [A] WO 9964214 A1 19991216 - SOERENSEN EDVARD [SE]
• [A] DE 1099141 B 19610209 - AUGUST KAISER
• [A] CH 237565 A 19450430 - LUIGI GIUSEPPE FONTANA DI [CH]
• [A] US 4478263 A 19841023 - JOHNSTON JAMES L [US]
• [A] EP 1712336 A1 20061018 - MAASELAEN KONE OY [FI]
• [A] US 2011048580 A1 20110303 - HICKS NORMAN A [US]

Cited by
AT16199U3; CN112706249A; EP3928940A1; DE202021106414U1; EP4180134A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3056327 A1 20160817; EP 3056327 B1 20171220

DOCDB simple family (application)
EP 15397505 A 20150210