

Title (en)

WOOD CHIPPER WITH OPTIMIZED PRODUCTION CONTROL

Title (de)

HOLZSCHREDDERMASCHINE MIT OPTIMIERTER PRODUKTIONSSTEUERUNG

Title (fr)

DÉCHIQUEUSE DE BOIS À COMMANDE DE PRODUCTION OPTIMISÉE

Publication

EP 3589414 A4 20201118 (EN)

Application

EP 17898822 A 20170303

Priority

US 2017020715 W 20170303

Abstract (en)

[origin: WO2018160197A1] A drum-type wood chipper for processing wood includes a chipper drum that is adapted to rotate about a generally horizontal drum axis, a plurality of cutting blades that are disposed around the periphery of the chipper drum, and an engine that is adapted to rotate the chipper drum about the drum axis. The wood chipper also includes a feed system that is adapted to advance wood to be processed towards the chipper drum, and a controller that is operatively connected to the engine and adapted to determine an instantaneous engine operating rate during rotation of the chipper drum. The controller is also operatively connected to the feed system and adapted to control the rate of advance of wood towards the chipper drum. The controller is also adapted to modify the rate of advance of wood towards the chipper drum as the instantaneous engine operating rate changes while the chipper drum is being rotated.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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