

Title (en)
Wood briquette feeding assembly

Title (de)
Holzbrikett-Beschickungsanlage

Title (fr)
Installation de chargement d'agglomérés de bois

Publication
EP 2157373 A1 20100224 (DE)

Application
EP 08014596 A 20080818

Priority
EP 08014596 A 20080818

Abstract (en)
The device has rollers (13), and a conveyor chain by which fuel parts e.g. wood parts, are upwardly transported to an outlet duct (8), where the fuel parts are supplied to a boiler. A compensator (4) is provided at a base, and upwardly moved with a lifting motor (3) during emptying so that rest of the fuel parts slides into an actuator of the conveyor chain. The conveyor chain is moved by a drive motor (7) about height of the actuator. The fuel parts are fell into outlet duct before a flap (9) that is opened by a servomotor.

Abstract (de)
Bei der Erfindung handelt es sich um eine Vorrichtung mit der Heizkessel vollautomatisch mit Holzbriketts oder Scheitholz beschickt werden. Die Ansteuerung erfolgt vom Kesselthermostat und es wird rechtzeitig ein Signal für das Nachfüllen der Vorrichtung gegeben. Die Vorrichtung kann an jeden Kesseltyp angepasst werden und ist für unterschiedliche Holzbriketts oder Scheitholz geeignet.

IPC 8 full level
F23B 50/12 (2006.01); **F23G 5/44** (2006.01); **F23K 3/16** (2006.01); **F24B 1/199** (2006.01); **F24B 13/04** (2006.01)

CPC (source: EP)
F23B 50/12 (2013.01); **F23G 5/444** (2013.01); **F23K 3/16** (2013.01); **F24B 1/199** (2013.01); **F24B 13/04** (2013.01); **F23G 2205/124** (2013.01); **F23K 2203/20** (2013.01)

Citation (search report)

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

Designated extension state (EPC)
AL BA MK RS

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