

Title (en)  
SCREENING DEVICE FOR THE PRODUCTION OF CALIBRATED WOOD CHIPS FOR USE IN PELLET-FUELLED BOILERS AND STOVES

Title (de)  
SIEBVORRICHTUNG ZUR HERSTELLUNG VON KALIBRIERTEN HOLZSPÄNEN ZUR VERWENDUNG IN MIT PELLETS BETRIEBENEN KESSELN UND ÖFEN

Title (fr)  
DISPOSITIF DE TAMISAGE POUR LA PRODUCTION DE COPEAUX DE BOIS CALIBRÉS POUR UTILISATION DANS DES CHAUDIÈRES ET DES POÊLES À COMBUSTIBLE EN GRANULÉS

Publication  
**EP 4368360 A1 20240515 (EN)**

Application  
**EP 23207851 A 20231106**

Priority  
IT 202200022869 A 20221107

Abstract (en)  
A device (1) is described for screening raw wood chips, to obtain calibrated wood chips to be used as fuel in pellet-fuelled boilers and stoves, of the type which involves the passage of flakes of these raw wood chips to be screened on elongated vibrating grates/sieves (2, 3) subjected to vibrations and inclined to the horizontal; this device (1) includes: a first grid/sieve (2), provided with holes (2a); and a second grate/sieve (3), having a plurality of parallel channels (3a) on the bottom of which discharge openings (4, 4') are obtained.

IPC 8 full level  
**B27L 11/00** (2006.01); **B07B 1/00** (2006.01); **B07B 1/12** (2006.01)

CPC (source: EP)  
**B07B 1/4663** (2013.01); **B07B 1/469** (2013.01); **B07B 1/524** (2013.01); **B07B 1/55** (2013.01); **B27L 11/00** (2013.01)

Citation (applicant)  
• CN 203304177 U 20131127 - GUANGDONG SHIXING COUNTY HUAZHOU WOOD INDUSTRY CO LTD  
• CN 215612307 U 20220125 - LINYI XINGTENG WOOD BASED PANEL MACHINERY CO LTD  
• CN 208407613 U 20190122 - GUANGDONG SHIXING HUAZHOU WOOD IND CO LTD  
• CN 206953222 U 20180202 - HUBEI DONGRUN WOOD IND CO LTD  
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• BR 9303968 A 19940802 - BUEHLER AG [CH]  
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• SU 929761 A1 19820523 - VLASOV VALERIJ A, et al  
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• CN 107984580 A 20180504 - WANHUA ECOLOGICAL PLATE IND XINYANG CO LTD

Citation (search report)  
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• [XAI] CN 212093255 U 20201208 - GUANGXI FENGLIN WOOD IND GROUP CO LTD  
• [XAI] CN 210207557 U 20200331 - HENAN HUANGHE WHIRLWIND CO LTD  
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• [XAI] RU 2047399 C1 19951110 - VSESOYUZNYJ NII GIDROLIZA RAST [RU]  
• [XAI] CN 213529645 U 20210625 - SHENZHEN CHENGSHI ENVIRONMENTAL PROTECTION TECH CO LTD  
• [XAI] US 6135020 A 20001024 - BROYLES DAVID J [US]

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