

Title (en)
Device for sorting articles, in particular timber

Title (de)
Vorrichtung zum Sortieren von Stückgut, insbesondere von Schnittholz

Title (fr)
Dispositif de tri d'articles, en particulier de bois débité

Publication
EP 0888829 A3 19990714 (DE)

Application
EP 98890184 A 19980626

Priority
• AT 808597 U 19971124
• AT 111797 A 19970630

Abstract (en)
[origin: EP0888829A2] The grader has a feed conveyor (15); a sorting drum (1); a stacker (16,30); and a control system which measures the quality and/or dimensions of each item (17) e.g. plank on the conveyor and rotates and indexes the drum so that each slot (3) collects items within specific limits. When a slot contains enough items for one layer (6) of a stack (7) the slot is indexed to the stacker (16,30) and a radial ejector (20) pushes the planks onto the stacker. The drum is driven by an endless toothed band (10) which wraps around rollers (11) and part of the drum periphery. Several alternative arrangements are described some of which have more than one drum, conveyor and/or stacker.

IPC 1-7
B07C 5/14

IPC 8 full level
B07C 5/14 (2006.01); **B07C 5/38** (2006.01)

CPC (source: EP)
B07C 5/14 (2013.01); **B07C 5/38** (2013.01)

Citation (search report)
• [DA] AT 401021 B 19960528 - SPRINGER MASCHINENFABRIK GMBH [AT]
• [A] US 2613825 A 19521014 - SETZER CURT F, et al
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