

Title (en)
BAND SAW APPARATUS

Title (de)
BANDSÄGE

Title (fr)
DISPOSITIF A SCIE A RUBAN

Publication
EP 0734302 A4 19970924 (EN)

Application
EP 95904356 A 19941216

Priority
• AU 9400778 W 19941216
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Abstract (en)
[origin: WO9516536A1] A band saw apparatus (10) having a pair of cutting units (12, 14). Each cutting unit (12, 14) has a frame (16) supporting a pair of wheels (18, 20). An endless saw blade (22) is arranged around each pair of wheels (18, 20). A frame (24) supports the cutting units (12, 14) so that the cutting units (12, 14) can travel toward one another along the frame (24). Alignment mechanisms (26) are provided for aligning the cutting units (12, 14) for relative angular displacement about a horizontal axis and for relative horizontal/lateral displacement. A cutting zone (38) is defined between the cutting units (12, 14) which is arranged to receive an item (40) to be cut. The cutting units (12, 14) are alignable in a cutting plane by the alignment mechanisms (26) such that when the cutting units (12, 14) move toward one another, the item (40) in the cutting zone (38) is cut by the saw blades (22).

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B23D 53/005 (2013.01); **B23D 53/04** (2013.01); **B23D 59/002** (2013.01)

Citation (search report)
• [A] DE 3309189 A1 19840920 - THEOBALD ADOLF
• [A] US 4658689 A 19870421 - YAKICH JOHN L [US]
• [A] PATENT ABSTRACTS OF JAPAN vol. 16, no. 370 (M - 1292) 10 August 1992 (1992-08-10)
• See references of WO 9516536A1

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