

Title (en)  
ELONGATE BODY PROCESSING

Title (de)  
BEARBEITUNG VON LANGEN PRODUKTEN

Title (fr)  
TRAITEMENT DE CORPS ALLONGES

Publication  
**EP 1137506 A4 20021113 (EN)**

Application  
**EP 99940747 A 19990819**

Priority  
• NZ 9900136 W 19990819  
• NZ 33143498 A 19980819

Abstract (en)  
[origin: WO0010760A1] Processing equipment (13) for cutting or shaping all faces of elongate I-section beams (10), girders, tubes or the like, has a plurality of aligned but spaced apart co-axial holding stations (14) on either side of a central processing station (16). Each holding station has a pair of tapered rollers which are both movable towards and away from one another to accommodate I-beams (10) or other elongate bodies (10) of different cross sections. Each holding station (14) can rotate the beam (10) about the longitudinal axis thereof and can also feed the beam (10) through a brush seal (15) into an enclosed water-jet cutting apparatus (16). After processing within the cutting apparatus (16), the support units (14) drive the beam (10) out to a plurality of output support units (17) at the output end (18) of the processing equipment (13). On completion of operations on the beam (10), it can be discharged through the open jaws of the holding stations (14) onto a plurality of output rails (19) for removal.

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Citation (search report)  
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• [XA] DE 634386 C 19360826 - KRUPP FRIED GRUSONWERK AG  
• [XA] US 4404834 A 19830920 - TANAKA TERUAKI [JP]  
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• [XA] PATENT ABSTRACTS OF JAPAN vol. 018, no. 380 (M - 1639) 18 July 1994 (1994-07-18)  
• See references of WO 0010760A1

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