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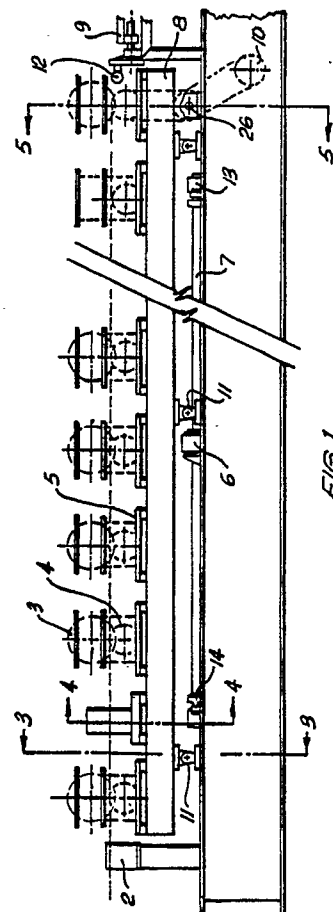
84 Designated Contracting States:  
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54 **Roll forming machine.**

57 A roll forming machine is disclosed having the upper and lower rollers at each stand mounted on cantilevered drive shafts. The upper and lower rollers are arranged in respective pairs so that the ends of each of the drive shafts of each pair extend towards each other. The drive shafts are attached to movable chassis which enable the axial distance between the opposing drive shaft ends to be adjustably varied thus varying the width of the rolled product.



**EP 0 247 886 A3**



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	US-A-3 595 056 (A.H. HUTTON) * Figure 3; claims 6,7; column 2, lines 13-26 *	1,2,4	B 21 D 5/08
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A	CH-A- 490 135 (E. GRIEBEL) * Figure 2; column 2, lines 39,40; column 3, lines 1-5; column 4, lines 1-7; claim 3 *	3-6	
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A	DE-C- 633 252 (O. OECKL) * Figure 2; page 1, lines 40-43 *	8	
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			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			B 21 D
<del>THE EUROPEAN PATENT OFFICE HAS BEEN INFORMED OF THIS PUBLICATION</del>			
Place of search THE HAGUE		Date of completion of the search 24-10-1989	Examiner BARROW
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone  Y : particularly relevant if combined with another document of the same category  A : technological background  O : non-written disclosure  P : intermediate document</p> <p>T : theory or principle underlying the invention  E : earlier patent document, but published on, or after the filing date  D : document cited in the application  L : document cited for other reasons  &amp; : member of the same patent family, corresponding document</p>			



### CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid.
- namely claims:
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

### X LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions.

namely:

1. Claims 1-8,11: Adjustable roll forming stands making use of cantilevered drive shafts.
2. Claims 9,10: Guillotines with adjustable anvil blocks.

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid.
- namely claims:
- None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims.

namely claims: 1-8,11