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(54) Method and apparatus for manufacturing shoes using wooden lasts

(57) The present invention discloses a shoe making mechanism and a manufacturing method of a shoe, in which a work for fastening an inner sole to a wooden last can be done easily and speedily.

In the manufacturing method of the shoe, metal plates (23,24) having a magnetic absorption property are stuck to an inner sole (21) to form a magnetic absorption portion. On the other hand, magnets (33,34) are buried at positions corresponding to the metal plates (23,24) in a bottom portion of a wooden last (31). The metal plates (23,24) are attached to the magnets (33,34) buried in the wooden last (31) so that the inner sole (21) is fastened to the wooden last (31). After the inner sole (21) is fastened to the wooden last (31), the wooden last (31) is covered with an upper, and the upper and the inner sole are joined by stitches.

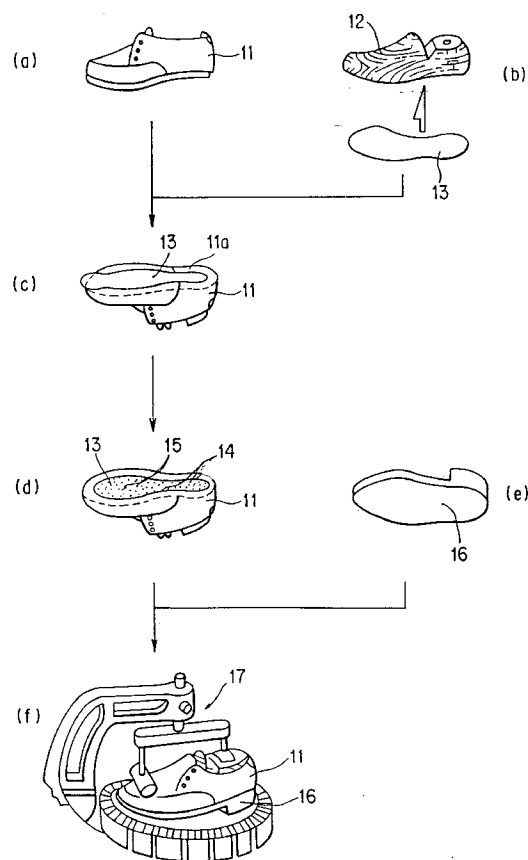


FIG. 1
state of the art

EP 0 676 152 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 95 30 2251

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.6)
X	DE-A-11 98 244 (BAIN CORP.) 5 August 1965 * column 2, line 49 - column 3, line 42; claims; figures * ---	1-3,6,7, 9-12, 15-20	A43D3/02
X	EP-A-0 222 964 (ANZANI, GIUSEPPE) 27 May 1987 * abstract; claims; figures * ---	1,6,10, 15,20	
X	WO-A-92 21259 (BREME TECNICA SAS) 10 December 1992 * abstract; claims; figures * ---	1,6,10, 15,20	
X	DE-C-245 208 (UNITED SHOE MACHINERY CO.) 29 April 1911 * claims; figures * ---	1,4,10, 13,20	
X	DE-A-23 61 263 (GUSTAV HOFFMANN GMBH) 12 June 1975 * claims; figures * -----	1,4,5, 10,13, 14,20	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6) A43D
Place of search THE HAGUE		Date of completion of the search 4 April 1996	Examiner Soederberg, J
CATEGORY OF CITED DOCUMENTS 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 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 & : member of the same patent family, corresponding document			

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