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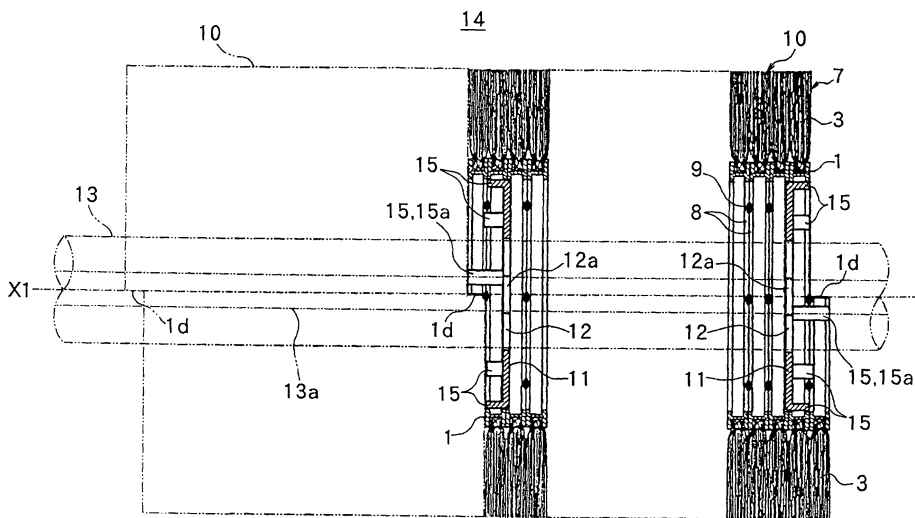
Coil brush for forming rotary roll brush

(57)

To prevent the peel-off of the winding end of a channel at the time a coil brush is shaped by tightly spirally winding a channel brush, thereby obtaining an appropriate abutment the winding end of the channel at the time a rotary roll brush is shaped by externally fitting a plurality of coil brushes to the roll. A coil brush for forming a rotary roll brush in which a coil brush 10 is formed by tightly spirally winding a channel brush 7 which is formed by retaining a basal portion of a brush material on a channel 1, a flange 11 is internally fitted to opposite ends of a cavity of the coil brush10, and a roll insertion

hole defined by an inner peripheral edge of the flange 11 is formed in a central area of each flange11, wherein a plurality of projecting pieces 15 are spacedly erected from an outer peripheral edge of each flange 11 towards outside, each projecting piece 15 is welded to a bottom portion of the channel 1, and one piece 15a of the projecting pieces is welded to a bottom portion in the vicinity of an end face 1d of a winding end of each channel 1, or one side edge of the one piece 15a of the projecting pieces is aligned with end faces 1d at the winding ends of the channel 1 and welded.

FIG.2





European Patent
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EUROPEAN SEARCH REPORT

Application Number
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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.7)
A	GB 375 000 A (WILHELM EPP) 23 June 1932 (1932-06-23) * the whole document *	1-4	A46B13/00
A	DE 10 68 213 B (THE OSBORN MANUFACTURING COMP.) 5 November 1959 (1959-11-05) * the whole document *	1-4	
A	BE 378 589 A (WILHELM EPP) 3 April 1931 (1931-04-03) * the whole document *	1-4	
A	US 2 721 348 A (BLYDENBURGH HAROLD L) 25 October 1955 (1955-10-25) * the whole document *	1-4	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A46B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		28 January 2005	Cardan, C
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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28-01-2005

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