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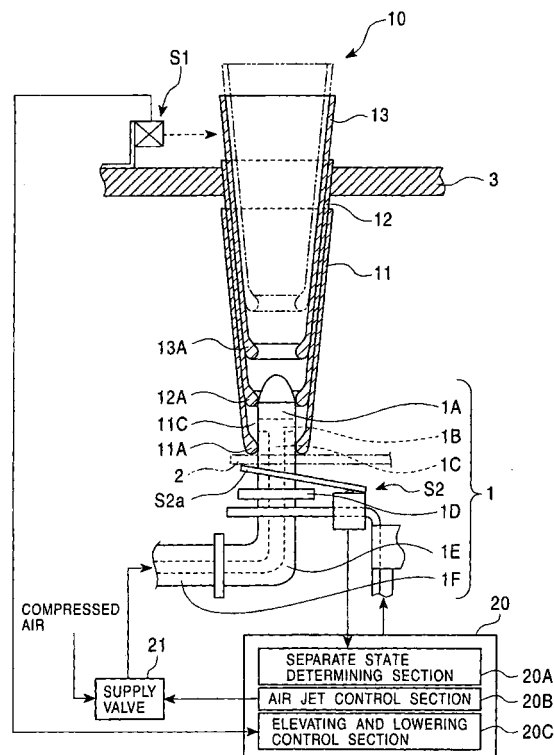
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(54) **Cone type bobbin supplying device**

(57) The present invention provides a cone type bobbin supplying device that can separate one cone type bobbin from a bobbin aggregate (10) in which a plurality of cone type bobbins are laminated so that one bobbin is fitted into another, the cone type bobbin supplying device enabling the separated cone type bobbin to be reliably conveyed. A cone type bobbin supplying device supplies cone type bobbins (11,12,13...) to a yarn winding device by separating one cone type bobbin from a bobbin aggregate in which a plurality of cone type bobbins are laminated so that one bobbin is fitted into another. A separating member (1) includes a round bar portion (1A) having a diameter slightly smaller than the bore size of a small-diameter head portion of each of the laminated cone type bobbins and a cradle (1D) that receives the small-diameter head portion (11A) of the separated bobbin. The round bar portion of the separating member is inserted into the bobbin aggregate from the small-diameter head portion of the cone type bobbins so that the round bar portions will not contact with the cradle. Furthermore, compressed air is jetted from a plurality of air jetting pores formed in the round bar portion.

FIG. 1





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EUROPEAN SEARCH REPORT

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			B65H B65G D01H
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 14 October 2004	Examiner Pollet, D
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
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