

ABSTRACT

YARN SUPPLY APPARATUS AND CLUTCH ARRANGEMENT THEREFOR

A yarn supply apparatus is equipped with a clutch arrangement in order to couple a drive wheel to rotate with a yarn supply wheel as necessary. The clutch arrangement is constructed in an open design, in which any development of narrowing spaces is avoided. For this purpose one clutch half is provided with axial fingers, which engage in radially open longitudinal slots, formed by a tothing, of the other clutch half. The slots of the tothing are longer than the engagement length between fingers and tothing. The intermediate space formed between the ends of the fingers and the nearest wall in axial direction is open in radial direction or is in communication with a larger inner space. Thereby the compression or compaction of deposited fluff is prevented.

(Please note that Figure 4 should be published with the abstract)