

Title (en)

Spin dryer with plastic drum.

Title (de)

Wäscheschleuder mit Kunststofftrommel.

Title (fr)

Essoreuse centrifuge à tambour en matière plastique.

Publication

EP 0103418 A2 19840321 (EN)

Application

EP 83304704 A 19830815

Priority

GB 8226309 A 19820915

Abstract (en)

The invention relates to a rotary washing drying or tumbling machine and particularly to a spin dryer of the type in which an electric motor drives a spinning drum. The spinning drum (22) is in two cup shaped portions (39) and (40) joined at flanges (44) and (42) by spin friction welding. The upper portion (39) of the drum has apertures (43) through which water can flow to the outside of the drum. Portion (49) has at its upper end a balance ring (47) of dense metal or very dense plastic which is attached to the upper drum portion (39) by plastic rivets. The lower portion (40) of the drum is attached to a mounting (21) which is then directly attached to a motor shaft. The two flanges (44) and (42) have cooperating projecting ring and groove features to enable the two drum portions to be brought together and held in precise location during the spin friction welding operation. The preferred material for the drum is polypropylene.

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CPC (source: EP)

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Cited by

CN109944043A; GB2429269A; GB2429269B; US7263787B2; USRE41621E; USRE42967E; EP0854223B1

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