

Title (en)
Continuous tunnel washing machine.

Title (de)
Durchlaufwaschmaschine.

Title (fr)
Tunnel de lavage en continu.

Publication
EP 0364763 A1 19900425 (DE)

Application
EP 89117535 A 19890922

Priority
DE 3835278 A 19881015

Abstract (en)
[origin: US4951458A] A washing machine has a generally cylindrical drum extending along and centered on a horizontal drum axis and a helicoidal auger-like wall centered on an auger axis offset radially from and extending substantially parallel to the drum axis. At least one longitudinally extending rib on an inner surface of the drum is relatively closely spaced to a plane including the drum and auger axes and the rest of the drum inner surface is substantially free of such ribs. This construction allows the machine to operate with substantially higher capacity. During washing oscillation the ribs are lowermost and a much larger load can be accommodated since the drum axis lies between the auger axis and the ribs. Normally two such ribs are provided on the drum inner surface closely flanking the plane.

Abstract (de)
Bei einer Durchlaufmaschine mit einer gewundenen Wand als Förderschnecke (7) sind die Konstruktionsachse der Förderschnecke und die Drehachse der Waschtrommel (1) exzentrisch zueinander angeordnet. Waschrippen (4) befinden sich nur in dem von der Konstruktionsachse der Förderschnecke am weitesten entfernten Bereich. Auf diese Weise wird ein günstiges Verhältnis von Waschtrommel-Durchmesser zu dem Wäscheposten - Gewicht erzielt.

IPC 1-7
D06F 31/00

IPC 8 full level
D06F 17/10 (2006.01); **D06F 31/00** (2006.01); **D06F 35/00** (2006.01)

CPC (source: EP US)
D06F 31/005 (2013.01 - EP US)

Citation (search report)
[A] DE 1894718 U 19640618 - WAESCHEREIMASCHINENFABRIK LUDW [DE]

Cited by
US8250691B2; WO2007124918A1

Designated contracting state (EPC)
BE CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0364763 A1 19900425; EP 0364763 B1 19920826; DE 3835278 A1 19900419; DE 58902142 D1 19921001; JP H02218391 A 19900831; JP H0698236 B2 19941207; US 4951458 A 19900828

DOCDB simple family (application)
EP 89117535 A 19890922; DE 3835278 A 19881015; DE 58902142 T 19890922; JP 26638289 A 19891016; US 42005789 A 19891011