

Title (en)
Washing machine drum.

Title (de)
Waschmaschinen-Trommel.

Title (fr)
Tambour pour machine à laver.

Publication
EP 0395859 A1 19901107 (DE)

Application
EP 90104806 A 19900314

Priority
DE 3914475 A 19890502

Abstract (en)
The drum casing (1) produced from a sheet-metal strip is joined together annularly along a seam (4) at least approximately parallel to the axis of rotation of the drum by means of two bending edges (2, 3) folded in a hook-shaped manner, as seen in cross-section. So that this folded seam (4) withstands the great stresses appearing at high spinning speeds, the joined seam (4) is equipped with a plurality of beads (5, 6) oriented transversely relative to its course. <IMAGE>

Abstract (de)
Der aus einem Blechstreifen gefertigte Trommelmantel (1) ist in einer wenigstens annähernd parallel zur Trommeldrehachse liegenden Naht (4) mittels zweier, im Querschnitt hakenförmig gefalzter Biegekanten (2,3) ringförmig zusammengefügt. Damit diese Falznaht (4) den bei hohen Schleuderdrehzahlen auftretenden großen Beanspruchungen Stand hält, ist die gefügte Naht (4) mit mehreren, quer zu ihrem Verlauf orientierten Sicken (5,6) versehen.

IPC 1-7
B21D 39/02; D06F 37/02

IPC 8 full level
B21D 39/02 (2006.01); **D06F 37/02** (2006.01)

CPC (source: EP KR)
B21D 39/02 (2013.01 - EP); **D06F 37/02** (2013.01 - EP KR)

Citation (search report)
• [YD] DE 1871983 U 19630509 - WINKELMANN HEINRICH [DE]
• [Y] US 3005432 A 19611024 - DOUDERA JR JOHN J
• [A] GB 1150543 A 19690430 - CONTINENTAL CAN CO [US]

Cited by
DE102014224078A1; EP1783259A1; EP2169103A1; CN106103829A; KR100662447B1; EA010761B1; DE10163186C1; DE10258786B4; KR100457579B1; US8011210B2; WO2005111294A1; WO03054274A1; WO2013045300A1; WO2005049909A1; WO2006122839A3; US6935143B2; DE202007019494U1; US8806904B2; US7506425B2; WO2009109527A1; WO2018121941A1; WO2023160335A1

Designated contracting state (EPC)
AT CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)
EP 0395859 A1 19901107; EP 0395859 B1 19931215; AT E98706 T1 19940115; DD 296127 A5 19911121; DE 3914475 A1 19901108; DE 59003835 D1 19940127; ES 2047180 T3 19940216; HK 91495 A 19950616; KR 100196463 B1 19990615; KR 900018449 A 19901221; TR 25217 A 19930101

DOCDB simple family (application)
EP 90104806 A 19900314; AT 90104806 T 19900314; DD 34024390 A 19900427; DE 3914475 A 19890502; DE 59003835 T 19900314; ES 90104806 T 19900314; HK 91495 A 19950608; KR 900004968 A 19900411; TR 41290 A 19900418