

Publication

**EP 0795639 A3 19971029 (EN)**

Application

**EP 97104293 A 19970313**

Priority

JP 5772296 A 19960314

Abstract (en)

[origin: EP0795639A2] Disclosed is a drum washer of a less vibratory and less noisy structure. The washer is provided with a washing tub 3 supported by suspension means 9 in a housing 1, a combination wash/spin drum 5 housed in the washing tub 3 and driven by a drive motor 21 about a horizontal axis X, and a liquor balancer 45 mounted on the inner peripheral surface of the drum 5 over the entire length in its circumferential direction. The liquor balancer 45 is composed of three to eight independent balancing chambers I, II, III, ... extending in the circumferential direction of the wash/spin drum 5 and having baffle boards 63 disposed in each balancing chamber to define therein liquid channels 65, and an unpartitioned annular auxiliary chamber 55 with which the balancing chambers I, II, III, ... communicate through their holes 57. The holes 57 each have a diameter large enough to allow free flowing of liquid of the liquor balancer into and out of the balancing chambers I, II, III, ... and the annular auxiliary chamber 55, and the liquid flows through the channels 65 defined by the baffle boards 47 and the holes 57.

IPC 1-7

**D06F 37/22**

IPC 8 full level

**D06F 37/22** (2006.01)

CPC (source: EP KR US)

**D06F 37/225** (2013.01 - EP KR US); **D06F 37/268** (2013.01 - KR)

Citation (search report)

- [A] EP 0421442 A2 19910410 - SANYO ELECTRIC CO [JP]
- [A] DE 2746989 A1 19780427 - HITACHI LTD

Cited by

WO2018097493A1; CN105220398A; CN111286925A; AU2001225542B2; CN114737362A; CN112281410A; EP3526388A4; US8991223B2; US9587340B2; US8695383B2; US8713977B2; US9003838B2; US8701451B2; WO0179603A1; WO02079560A1; US10538871B2

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