

Title (en)

Nozzle manifold for an apparatus generating liquid jets

Title (de)

Düsenbalken an einer Vorrichtung zur Erzeugung von Flüssigkeitsstrahlen

Title (fr)

Support de buses pour un dispositif projetant des jets de liquide

Publication

EP 0909587 B1 20030122 (DE)

Application

EP 98119283 A 19981007

Priority

DE 19745661 A 19971017

Abstract (en)

[origin: EP0909587A2] The jet beam assembly has a U-shaped mounting groove (12") along the lower section to hold the lower part of the jet plate. The groove is larger than the diameter of the O-ring (12) at the end sides of the jet beam, towards the end sides. The spacers (29,30) for the O-ring, at the longitudinal plate, are fixed to the longitudinal plate (27) with a space between them which is beyond the end position of the O-ring in the lower section. At the end of the jet beam, the dimensions of the mounting groove match at least the size of the associated spacer (29,30) including the clamped O-ring on it, on the plane of the O-ring. The end of the mounting groove is open to the end, on the plane of the laid O-ring, at least at an end of the jet beam. The gap between the spacers (29,30), along the longitudinal plate (27), is larger than the final position of the O-ring in the mounting groove.

IPC 1-7

B05B 1/20; D04H 1/46; B05B 15/06

IPC 8 full level

B05B 1/20 (2006.01); **B05B 15/06** (2006.01); **B05B 15/65** (2018.01); **D04H 1/46** (2006.01); **D04H 17/00** (2006.01); **D04H 18/04** (2012.01)

CPC (source: EP US)

B05B 15/65 (2018.01 - EP US); **D04H 18/04** (2013.01 - EP US); **B05B 1/20** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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EP 0909587 A2 19990421; **EP 0909587 A3 20001206**; **EP 0909587 B1 20030122**; DE 19745661 A1 19990422; DE 59806987 D1 20030227; JP H11200222 A 19990727; US 6012654 A 20000111

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EP 98119283 A 19981007; DE 19745661 A 19971017; DE 59806987 T 19981007; JP 29190198 A 19981014; US 17354098 A 19981016