

Title (en)  
APPARATUS FOR DELIVERING LIQUID TO A VAT

Publication  
**EP 0310826 B1 19921111 (DE)**

Application  
**EP 88114904 A 19880913**

Priority  
DE 3733996 A 19871008

Abstract (en)  
[origin: JPH01124668A] PURPOSE: To provide a liquid supplying apparatus capable of uniformly permitting liquid to flow from a feed device having curved tubes installed side by side at a uniform interval in the width direction through a pivotable guide plate to a fabric web traveling through a trough extending in width direction and having the bottom comprising a pair of elastic pressing bodies and rapidly exchanging liquids. CONSTITUTION: A fabric web 1 is traveled through a trough 8 extending in width direction across the traveling fabric web 1 and having the bottom sealed under pressure by elastic pressing bodies 14 and 15. Nearly similar feeding apparatuses having curved tubes 22 arranged at uniform interval along a feed tube 21 are installed on both sides of the fabric web 1 and liquid is made to flow through a guide plate 34 inclined to the trough 8 side to a liquid reservoir 18 as uniform liquid film over whole width of the fabric web 1. The guide plate 34 is changeable at a inclined position and at a position of the guide plate indicated by dashed lines, the liquid is deflected into a collector 38 and does not flow to the trough 8 side. Thereby, uniform liquid introduction and rapid liquid exchange can be carried out in width direction of the trough 8.

IPC 1-7  
**D06B 1/06**; **D06B 3/18**

IPC 8 full level  
**D06B 3/10** (2006.01); **D06B 1/06** (2006.01); **D06B 3/18** (2006.01); **D06B 5/08** (2006.01); **D06B 15/08** (2006.01); **D06B 23/20** (2006.01)

CPC (source: EP US)  
**D06B 1/06** (2013.01 - US); **D06B 3/18** (2013.01 - EP US); **D06B 23/205** (2013.01 - EP US); **D06B 1/06** (2013.01 - EP); **D06B 1/145** (2013.01 - EP); **Y10T 137/85938** (2015.04 - EP US)

Citation (examination)  
FR 2181305 A5 19731130 - ARTOS [DE]

Cited by  
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**EP 0310826 A1 19890412**; **EP 0310826 B1 19921111**; BR 8805185 A 19890523; DD 282865 A5 19900926; DE 3733996 A1 19890420; DE 3733996 C2 19900628; ES 2035899 T3 19930501; JP H01124668 A 19890517; JP H0238712 B2 19900831; SU 1632374 A3 19910228; US 4862713 A 19890905

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