

Title (en)

Improvements to textile dyeing machines of the overflow or jet type mounted in series

Title (de)

Für Einzel- oder Parallelbetrieb ausgerüstete Maschinen zum Färben von Textilien

Title (fr)

Machines pour la teinture des textiles équipées pour fonctionner individuellement ou en parallèle

Publication

EP 0806511 A1 19971112 (EN)

Application

EP 96107052 A 19960504

Priority

EP 96107052 A 19960504

Abstract (en)

The invention consists in having separated the mixing loop of the dyeing baths of Overflow or Jet dyeing machines (1,2,3,4) installed in a group from the loop which controls the normal machine operating; i.e., in having simply connected each tank to the tank of the following machine by means of two pipes, the one (5,7,9) installed in a low position corresponding to tank bottom, and on which a pump (M1,M2,M3) of reversible type and a valve (V1,V2,V3) are installed; and the other (6,8,10) being installed at a higher level, slightly lower than the maximal level reached by the bath inside the tank and on which a second valve (V4,V5,V6) is installed. These arrangements permit the selection of individual operation for all machines, parallel operation for all machines or various combinations of individual and parallel operation. <IMAGE>

IPC 1-7

D06B 23/20

IPC 8 full level

D06B 23/20 (2006.01)

CPC (source: EP)

D06B 23/20 (2013.01)

Citation (search report)

- [A] US 5228318 A 19930720 - BURGIN CHARLES W [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 143 (C - 0703) 19 March 1990 (1990-03-19)
- [A] DATABASE WPI Section Ch Week 8420, Derwent World Patents Index; Class F06, AN 84-123674, XP002015764

Cited by

CN104947346A; CN104790143A; GB2404199A; CN1295389C; GB2404199B

Designated contracting state (EPC)

CH DE ES FR GB GR IT LI PT

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