Title (en)
Apparatus for automatically loading and/or unloading of bobbins.

Title (de)
Vorrichtung zum automatischen Laden und/oder Entladen von Spulen.

Title (fr)
Machine de chargement et/ou de déchargement de bobines de fil.

Publication
EP 0288373 A1 19881026 (FR)

Application
EP 88400942 A 19880419

Priority
• FR 8705661 A 19870422
• FR 8712410 A 19870908

Abstract (en)
Method and machine for the fluid treatment of a multiplicity of reels (B) of yarns, fibres, filaments or the like loaded on a material carrier (PM) in a plurality of stacks. Treatment is carried out by associating with each reel (B) a bowl (15) which at least partially contains it and the bottom (17) of which forms the necessary intermediate disc between adjacent reels of a stack of reels (B), whilst the machine has means for transferring the reels in successive "layers". <IMAGE>

Abstract (fr)
Procédé et machine de traitement par un fluide d'une multiplicité de bobines (B) de fils, fibres, filaments ou analogues chargées sur un porte-matières (PM) suivant une pluralité de piles. Le traitement est conduit en associant à chaque bobine (B) un bol (15) qui la contient au moins partiellement et dont le fond (17) constitue le disque intercalaire requis entre bobines adjacentes d'une pile de bobines (B), tandis que la machine comprend des moyens de transfert des bobines par "couche" successive.

IPC 1-7
D06B 5/16

IPC 8 full level
B65H 67/06 (2006.01); D06B 5/16 (2006.01)

CPC (source: EP)
B65H 67/065 (2013.01); D06B 5/16 (2013.01); B65H 2701/31 (2013.01); D06B 23/04 (2013.01)

Citation (search report)
• [X] FR 1600225 A 19700720
• [A] US 2637997 A 19530512 - WEBSTER RAYMOND C
• [AP] EP 0225246 A1 19870610 - BARRIQUAND SOC [FR]
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Designated contracting state (EPC)
BE CH DE ES GB IT LI SE

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