

Title (en)

A containing and locking apparatus for skein-holder sticks, particularly for use in yarn dyeing.

Title (de)

Vorrichtung zum Aufbewahren und zur Halterung von Tragstäben, insbesondere beim Garnfärben.

Title (fr)

Installation pour contenir et bloquer un porte-écheveau, en particulier pour teindre des fils.

Publication

EP 0291773 A1 19881123 (EN)

Application

EP 88107201 A 19880505

Priority

IT 2048087 A 19870512

Abstract (en)

The apparatus comprises a dyeing cabinet (10) generally open on two opposite sides, wherein at least some of the grooves (22a, b, c, etc.) for skein-holder sticks (1) are equipped with resilient retaining elements (24, 50) that are movable between an operative position in which they lock a stick and an inoperative position. An unlocking device (40, 70) is also envisaged to hold the retaining element in the inoperative position.

IPC 1-7

D06B 5/20

IPC 8 full level

D06B 5/20 (2006.01)

CPC (source: EP)

D06B 5/20 (2013.01)

Citation (search report)

- [A] DE 1242177 B 19670615 - KRANTZ H FA
- [A] FR 1235717 A 19600708 - CHAMPAGNE TEINTURERIE
- [A] FR 1408565 A 19650813 - BELLINI LORIS & C SRL
- [A] US 2562220 A 19510731 - STIENEN ERNEST A

Designated contracting state (EPC)

ES FR

DOCDB simple family (publication)

EP 0291773 A1 19881123; IT 1204592 B 19890310; IT 8720480 A0 19870512

DOCDB simple family (application)

EP 88107201 A 19880505; IT 2048087 A 19870512