

Title (en)
INTERLOCKING YARN DYEING SUPPORT

Title (de)
STAPELBARE GARNFÄRBEHÜLSE

Title (fr)
SUPPORT DE TEINTURE EMBOITABLE

Publication
EP 1370722 A1 20031217 (EN)

Application
EP 02722652 A 20020315

Priority
• IT 0200160 W 20020315
• IT FI20010023 U 20010319

Abstract (en)
[origin: WO02075032A1] The sleeve of the tube-shaped support has holes (12) which are spaced over the top section (5) intended to penetrate inside the bottom end section (1); the external surface of said top section (5) is provided with longitudinal depressions (20) between the adjacent holes (12) aligned longitudinally; it is thus possible to avoid shearing or damage due to pinching of the yarn by the edge (1A) of the bottom end section (1) of the support when it is fitted onto and slid along the smaller-size section (5) of an underlying tube-shaped support.

IPC 1-7
D06B 23/04

IPC 8 full level
D06B 23/04 (2006.01)

CPC (source: EP US)
D06B 23/042 (2013.01 - EP US)

Citation (search report)
See references of WO 02075032A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02075032 A1 20020926; WO 02075032 A9 20040408; AT E296912 T1 20050615; CN 1249285 C 20060405; CN 1498295 A 20040519; DE 60204440 D1 20050707; DE 60204440 T2 20051013; EP 1370722 A1 20031217; EP 1370722 B1 20050601; ES 2240733 T3 20051016; IT FI20010023 U1 20020919; US 2004079833 A1 20040429

DOCDB simple family (application)
IT 0200160 W 20020315; AT 02722652 T 20020315; CN 02806968 A 20020315; DE 60204440 T 20020315; EP 02722652 A 20020315; ES 02722652 T 20020315; IT FI20010023 U 20010319; US 47139003 A 20030909