

Title (en)

PROCESS AND APPARATUS FOR BUNDLING RODS, TUBES, PROFILES, AND OTHER OBLONG OBJECTS

Publication

EP 0000065 B1 19800109 (DE)

Application

EP 78100116 A 19780608

Priority

DE 2726305 A 19770610

Abstract (en)

[origin: ES470630A1] A bundling device for rods having a hollow mandrel through which the rods are passed and which mandrel has prongs that are provided with steps. The steps carry elastic rings which are removed from the prongs onto the rods by a stripper. The stripper consists of a tubular member that surrounds the prongs and which has protrusions for engaging the rings and stepwise moving the rings along and off the steps of the mandrel as relative movement is created between the stripper and the prongs.

IPC 1-7

B65B 27/10

IPC 8 full level

B65B 13/02 (2006.01); **B65B 27/10** (2006.01)

CPC (source: EP US)

B65B 13/022 (2013.01 - EP US)

Designated contracting state (EPC)

CH FR GB NL SE

DOCDB simple family (publication)

EP 0000065 A1 19781220; EP 0000065 B1 19800109; AT 367368 B 19820625; AT A370478 A 19811115; BR 7803727 A 19790109; DE 2726305 A1 19790426; ES 470630 A1 19790201; IT 1104737 B 19851028; IT 7849780 A0 19780608; JP S5416297 A 19790206; US 4312173 A 19820126

DOCDB simple family (application)

EP 78100116 A 19780608; AT 370478 A 19780522; BR 7803727 A 19780609; DE 2726305 A 19770610; ES 470630 A 19780608; IT 4978078 A 19780608; JP 6939278 A 19780610; US 91438778 A 19780612