

Title (en)

Installation for producing and storing reelable plastic pipes

Title (de)

Anlage zum Herstellen und Speichern von aufwickelbaren Kunststoffrohren

Title (fr)

Installation pour la fabrication et l'emmagasinage de tuyaux plastiques enroulables

Publication

EP 0820950 B1 20011121 (DE)

Application

EP 97112199 A 19970717

Priority

DE 29612732 U 19960723

Abstract (en)

[origin: EP0820950A1] Equipment for continuous prodn. and storage of coilable semi-flexible plastic pipe includes an extruder (2) and a pipe wind-up unit (4). A storage device (1) between the extruder (2) and wind-up unit (4) continues to take off extruded pipe (3) from the extruder (2) when the wind-up unit (4) is halted temporarily. Pref. the intermediate storage unit (1) comprises a motorised drum (6) on which the extruded pipe (3) forms loose coils. The outer periphery of the drum is formed by freely rotating rolls (8) parallel to the drum axis. A guiding rake guides individual windings of the pipe (3) around the drum (6). Expansion of the windings on the drum (6) during stoppage of the wind-up unit (4) is prevented by bars, more pref. freely rotating rolls (9) at a radial distance from the drum rolls (8).

IPC 1-7

B65H 51/22

IPC 8 full level

B65H 51/22 (2006.01)

CPC (source: EP)

B65H 51/22 (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

EP 0820950 A1 19980128; EP 0820950 B1 20011121; AT E209156 T1 20011215; DE 29612732 U1 19961219; DE 59705450 D1 20020103; DK 0820950 T3 20020513; ES 2168549 T3 20020616; PT 820950 E 20020429

DOCDB simple family (application)

EP 97112199 A 19970717; AT 97112199 T 19970717; DE 29612732 U 19960723; DE 59705450 T 19970717; DK 97112199 T 19970717; ES 97112199 T 19970717; PT 97112199 T 19970717