

Title (en)

Shuttering joist cleaning machine and system.

Title (de)

Verfahren und Vorrichtung zum Reinigen von Schalungsträgern.

Title (fr)

Système et machine pour nettoyer les poutres de coffrages.

Publication

EP 0365508 A2 19900425 (EN)

Application

EP 89850356 A 19891018

Priority

SE 8803717 A 19881018

Abstract (en)

The invention relates to a machine and a system for cleaning wood shuttering joists in particular for removing residual concrete (2). The machine comprises an elongate frame (3) having a series of rollers (7) forming a roller conveyor. A number of driving stations (8, 10) advance the shuttering joist (1) along the roller conveyor. A cleaning station (9) is provided in the frame and is adapted to contact the opposite side surfaces of the shuttering joist so as to clean said surfaces. The characteristic features of the invention are that the cleaning station comprises two opposed, separately driven cylinders (14, 15) each having a hard structured surface for removing the concrete residuals by grinding, preferably milling. The system in accordance with the invention comprises the machine so modified that it comprises a load testing station for load testing the shuttering joists, a first transfer station for transferring the joists, one at a time, from the roller conveyor to a collecting table (56) on which the shuttering joists are collected beside each other to form a group, a second transfer station for transferring successive groups of shuttering joists to a lifting table (58) in such a manner that one layer of shuttering joists is placed upon the previous layer, and a bundling station for tying up a predetermined number of groups of shuttering joists on the lifting table with straps so as to form a package of treated shuttering joists.

IPC 1-7

E04G 19/00

IPC 8 full level

E04G 19/00 (2006.01)

CPC (source: EP)

E04G 19/006 (2013.01)

Cited by

FR2985754A1; CN105888246A; CN113309350A

Designated contracting state (EPC)

AT CH DE FR GB LI SE

DOCDB simple family (publication)

EP 0365508 A2 19900425; EP 0365508 A3 19901122; NO 894142 D0 19891017; NO 894142 L 19900419; SE 468774 B 19930315; SE 8803717 D0 19881018; SE 8803717 L 19900419

DOCDB simple family (application)

EP 89850356 A 19891018; NO 894142 A 19891017; SE 8803717 A 19881018