

Title (en)
APPARATUS FOR CLEANING AND STRAIGHTENING A TUBULAR ARTICLE

Publication
EP 0338144 B1 19920617 (EN)

Application
EP 88303485 A 19880418

Priority
EP 88303485 A 19880418

Abstract (en)
[origin: EP0338144A1] An apparatus for cleaning and straightening a tubular article, such as a tube or support post of scaffolding used in building construction work, comprises a straightening unit (2), a plurality of feed-roller units (3, 4, 5, 6) disposed upstream and downstream of the straightening unit (2), and a cleaning unit (7) disposed downstream of the straightening unit (2). The feed roller units (3, 4, 5, 6) press and crack any concrete on the outer peripheral surface of the tubular article and the straightening unit (2) restores a bent tubular article into a straight form by swaying the article eccentrically. The cracked concrete left on the article is further broken into smaller pieces and is removed from the article by the cleaning unit (7).

IPC 1-7
B08B 9/02; **B21D 3/08**

IPC 8 full level
B08B 9/02 (2006.01); **B08B 9/057** (2006.01); **B21D 3/08** (2006.01)

CPC (source: EP)
B08B 9/023 (2013.01); **B21D 3/08** (2013.01)

Cited by
CN112893588A; EP0438205A3; CN114146965A; CN107520277A; CN118268416A

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0338144 A1 19891025; **EP 0338144 B1 19920617**; DE 3872223 D1 19920723; DE 3872223 T2 19921217

DOCDB simple family (application)
EP 88303485 A 19880418; DE 3872223 T 19880418