

Title (en)
Sand-blasting device for elongated element

Title (de)
Strahlanlage für gestreckte Bauteile

Title (fr)
Installation pour le sablage d'éléments allongés

Publication
EP 0569888 B1 19960228 (DE)

Application
EP 93107490 A 19930508

Priority
DE 4216108 A 19920515

Abstract (en)
[origin: EP0569888A1] An abrasive-blasting system for elongate structural parts (9), such as beams, weldments or the like, has an abrasive-blasting booth (1), a conveying device (2), which conveys the structural parts essentially through the abrasive-blasting booth, centrifugal wheels, which are arranged above and beneath said conveying device and the abrasive-medium jets of which are directed towards the passing structural part, and at least one deflection device (18) which is assigned to at least one centrifugal wheel and deflects the abrasive-medium jet (14, 15) thereof. In order effectively to blast the upstream and downstream end sides of the structural part or flange plates arranged there, the invention provides that the deflection device can be adjusted between a rest position outside the abrasive-medium jet (16, 17) and an active position which deflects said jet, with respect to the vertical, in the conveying direction (22), and that there is provided at least a second deflection device (18) which can be adjusted between a rest position outside the abrasive-medium jet (14, 15) and an active position which deflects said jet, with respect to the vertical, counter to the conveying direction (22). <IMAGE>

IPC 1-7
B24C 3/14

IPC 8 full level
B24C 3/14 (2006.01); **B24C 5/06** (2006.01)

CPC (source: EP US)
B24C 3/14 (2013.01 - EP US)

Cited by
DE102011003102B4; NL1015092C2; WO9738823A1

Designated contracting state (EPC)
CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0569888 A1 19931118; EP 0569888 B1 19960228; DE 4216108 A1 19931118; DE 59301701 D1 19960404; JP H0639722 A 19940215; US 5386668 A 19950207

DOCDB simple family (application)
EP 93107490 A 19930508; DE 4216108 A 19920515; DE 59301701 T 19930508; JP 11286693 A 19930514; US 5996393 A 19930513