

Title (en)  
PROCESS AND APPARATUS FOR MAKING INDENTATIONS ON AN EXTRUDED CLAY COLUMN

Publication  
**EP 0515704 B1 19930120 (DE)**

Application  
**EP 91106773 A 19910426**

Priority  
EP 91106773 A 19910426

Abstract (en)  
[origin: EP0515704A1] A column is indented around the outside by moving the said column (1) initially between two rollers (5, 5-5', 5') of in each case a pair of indenting rollers arranged one behind the other and is indented on two opposite sides of the column. Subsequently, the pairs of indenting rollers (5, 5-5', 5') are moved transversely with respect to the said first direction of movement of the column towards each other, the pairs of rollers clamping the column between them and indenting from the edges on the two other opposite sides of the column, whereupon the column is moved through between the two indenting rollers of each pair of indenting rollers (5, 5'-5,5') in a second direction of movement, and thus an indenting around the outside is produced. <IMAGE>

IPC 1-7  
**B28B 11/08**; **B28B 11/16**

IPC 8 full level  
**B28B 11/08** (2006.01); **B28B 11/16** (2006.01)

CPC (source: EP US)  
**B28B 11/0863** (2013.01 - EP US); **B28B 11/16** (2013.01 - EP US)

Cited by  
DE19624584C1; AU640293B2; US5378423A; DE102005021038A1; DE102005021038B4; DE102005063327A1; DE102005063327B4; DE102005063454B4

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

DOCDB simple family (publication)  
**EP 0515704 A1 19921202**; **EP 0515704 B1 19930120**; AT E84741 T1 19930215; AU 640293 B2 19930819; AU 8894491 A 19921029; DE 59100033 D1 19930304; US 5378423 A 19950103

DOCDB simple family (application)  
**EP 91106773 A 19910426**; AT 91106773 T 19910426; AU 8894491 A 19911209; DE 59100033 T 19910426; US 86950392 A 19920416