

Title (en)  
Machine of variable linear structure for the formation of tubes

Title (de)  
Maschine mit variabler linearer Struktur zur Formung von Rohren

Title (fr)  
Machine à structure linéaire variable pour la formation de tuyaux

Publication  
**EP 2165779 B1 20141231 (EN)**

Application  
**EP 09169379 A 20090903**

Priority  
IT MI20081662 A 20080918

Abstract (en)  
[origin: EP2165779A1] The machine (1) for the formation of tubes (2) comprises at least, in series with each other, forming stations (3, 3') comprising pairs of idle rollers (8, 8') which make rototranslational movements of the same amplitude but in opposite directions, and at least one finishing station (5) comprising four idle rollers (91) having a concave profile with a constant curvature and able to perform rototranslational movements of the same amplitude and direction according to 90° axes. The lower rollers (8') of each forming station (3, 3') have an elliptical profile with a curvature decreasing from the outer edge to the inner edge of said roller (8'). The upper rollers (8) of the first forming station (3) have an elliptical profile with a curvature increasing from the outer edge to the inner edge of said roller (8); the upper rollers (8'') of the forming stations (3') subsequent to the first (3) have a circular profile.

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