

Title (en)  
ROLL-MOLDING DEVICE

Title (de)  
WALZFORMUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE MOULAGE PAR LAMINAGE

Publication  
**EP 3260213 A1 20171227 (EN)**

Application  
**EP 16814428 A 20160623**

Priority  
• JP 2015126720 A 20150624  
• JP 2016068613 W 20160623

Abstract (en)  
For a tapered material having a plate thickness changing in a longitudinal direction to be roll-molded with stability by means of a simple and inexpensive configuration, a roll-molding device (1) includes two parallel roller shafts (7A, 7B), fixed rollers (11A, 11B) concentrically disposed with respect to one of the roller shafts (7A, 7B), floating rollers (12A, 12B) disposed to be capable of being eccentric with clearances (CA, CB) with respect to the other one of the roller shafts (7A, 7B), facing the fixed rollers (11A, 11B), and molding a belt-shaped metallic material (M') pinched between the fixed rollers (11A, 11B) and themselves, a pressing roller (19) abutting against an outer circumferential portion on the side opposite to points of contact of the floating rollers (12A, 12B) with the fixed rollers (11A, 11B), and actuators (23A, 23B) pressing the floating rollers (12A, 12B) toward the fixed rollers (11A, 11B) via the pressing roller (19).

IPC 8 full level  
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CPC (source: EP US)  
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