Abstract (en)
[origin: EP2428289A1] A method of fabricating sleeves for trampolines includes steps of: first, bending a plate (10) into a tube with a coupling seam (21) bonded through a bonding process to form a sleeve (20); next, expanding an opening (22) of the sleeve (20) through an opening expansion means to form a body (23) and an expanded opening section (24) extended from the body (23); applying a compressive force to the expanded opening section (24) to form an outer expanded portion (241) and an inner folding portion (242). When the sleeve (20) is coupled with a connection tube (30), the outer expanded portion (241) and inner folding portion (242) provide greater structural strength. Whether defects are formed on the coupling seam (21) at the outer expanded portion (241) and inner folding portion (242) can be easily and visually detected after the fabrication process is finished. Thus defected sleeve (20) can be instantly identified during the fabrication process to save extra inspection time. Fabrication productivity of trampolines also improves.