

Title (en)
RUNNING DRUM ARRANGEMENT FOR A TYRE TESTING STAND AND TYRE TESTING STAND WITH THE RUNNING DRUM ARRANGEMENT

Title (de)
LAUFTROMMELANORDNUNG FÜR EINEN REIFENPRÜFSTAND SOWIE REIFENPRÜFSTAND MIT DER LAUFTROMMELANORDNUNG

Title (fr)
ENSEMBLE TAMBOUR DE ROULEMENT POUR UN BANC D'ESSAI DE PNEUMATIQUES ET BANC D'ESSAI DE PNEUMATIQUES DOTÉ DE CET ENSEMBLE TAMBOUR DE ROULEMENT

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EP 3475678 A1 20190501 (DE)

Application
EP 17725935 A 20170522

Priority
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Abstract (en)
[origin: WO2017220269A1] For fastening impact strips on running rollers of tyre testing stands, the impact strips are mounted on the running rollers by simple screw connections. In this case, the loads occurring in the circumferential direction must be transferred between the impact strip and the drum by friction. The fastening screws thereby undergo very high structural loading. Therefore, with this fastening concept, only relatively small loads are permissible in the circumferential direction. For this purpose, a running drum arrangement (1) for a tyre testing stand is proposed, with a running drum (2), wherein the running drum (2) defines an axis of rotation R, wherein the running drum (2) has at least one fastening means receptacle (8), wherein the fastening means receptacle (8) defines a main axis H, with at least one impact strip (4), wherein the impact strip (4) is arranged on a radial outer side of the running drum (2) with respect to the axis of rotation R, with at least one fastening means (7), wherein the fastening means (7) fastens the impact strip (4) on the running drum (2), and wherein the fastening means (7) is received in the fastening means receptacle (8), wherein the running drum arrangement (1) has at least one shaped piece (11), wherein the shaped piece (11) is arranged between the running drum (2) and the impact strip (4), wherein the shaped piece (11) forms with the running drum (2) and with the impact strip (4) a form fit in the circumferential direction in relation to the axis of rotation R.

IPC 8 full level
G01M 17/013 (2006.01)

CPC (source: EP US)
G01M 17/013 (2013.01 - EP US); **G01M 17/022** (2013.01 - US)

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WO 2004055489 A1 20040701 - MICHELIN SOC TECH [FR], et al

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