

Title (en)
COMPRESSOR ROLLER

Title (de)
VERDICHTERWALZE

Title (fr)
CYLINDRE COMPACTEUR

Publication
EP 3517684 B1 20200617 (DE)

Application
EP 19161465 A 20171213

Priority
• DE 102016125927 A 20161230
• EP 17206933 A 20171213

Abstract (en)
[origin: US10501903B2] A compactor roller includes a roller jacket, at least one roller disk connected to the roller jacket, and a reinforcing arrangement with a reinforcing ring connected to the roller jacket and a reinforcing structural group connected to the roller disk and the reinforcing ring, the reinforcing structural group including: (i) at least one first reinforcing plate arranged eccentrically and connected to the roller disk and to the reinforcing ring, and a second reinforcing plate connected to the roller disk and arranged substantially parallel to the at least one first reinforcing plate, the second reinforcing plate intersecting a rotary roller axis, or (ii) reinforcing struts connected to the roller disk and to the reinforcing ring and arranged around the rotary roller axis, at least one of the reinforcing struts arranged with a longitudinal strut axis which is not parallel to the rotary roller axis.

IPC 8 full level
E01C 19/28 (2006.01)

CPC (source: EP US)
E01C 19/236 (2013.01 - US); **E01C 19/286** (2013.01 - EP US); **E02D 3/026** (2013.01 - EP US)

Cited by
DE102019132917A1; CN110565532A; US11542669B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3342931 A1 20180704; EP 3342931 B1 20200408; DE 102016125927 A1 20180705; EP 3517684 A1 20190731; EP 3517684 B1 20200617; US 10501903 B2 20191210; US 2018187388 A1 20180705

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EP 17206933 A 20171213; DE 102016125927 A 20161230; EP 19161465 A 20171213; US 201715855269 A 20171227