

Title (en)
CYLINDER ASSEMBLY FOR A LONGITUDINALLY WOUND RECIPROCATING PISTON COMBUSTION ENGINE, AND THROTTLE ELEMENT FOR A CYLINDER LINER

Title (de)
ZYLINDERANORDNUNG FÜR EINE LÄNGSGESPÜLTE HUBKOLBENBRENNKRAFTMASCHINE, SOWIE DROSSELELEMENT FÜR EINEN ZYLINDERLINER

Title (fr)
SYSTÈME DE CYLINDRE POUR UN MOTEUR À COMBUSTION À PISTON ÉLEVATEUR RINCÉ EN LONGUEUR, AINSI QU'ÉLÉMENT D'ÉTRANGLEMENT POUR UN REVÊTEMENT DE CYLINDRE

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Application
EP 15195158 A 20151118

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Abstract (en)
[origin: CN105715357A] The invention relates to a cylinder assembly and a throttle element for a cylinder liner of the cylinder assembly. The cylinder assembly (1) comprises the cylinder liner (2) which is provided with a combustion chamber region (21) and an inlet portion (22). A piston (3) can be installed in the cylinder liner (2). A scavenging inlet (221) with a scavenging opening (2211) is located in an inlet region of the cylinder liner (2), thereby enabling scavenging air (41) to be guided into a burning space region (21) of the cylinder liner (2) from a receiving space (401) through the scavenging opening (2211), enabling the flowing cross section of the scavenging opening (2211) to be reduced to a preset value, and enabling the flow (411) of the scavenging air (41) entering the cylinder liner (2) from the receiving space (401) to be limited to a preset value.

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• [X] EP 0851101 A1 19980701 - WAERTSILAE NSD SCHWEIZ AG [CH]
• [X] EP 0965739 A2 19991222 - WAERTSILAE NSD SCHWEIZ AG [CH]
• [X] DE 19507220 A1 19960905 - DAIMLER BENZ AG [DE]
• [X] JP S5638512 A 19810413 - MITSUBISHI HEAVY IND LTD
• [X] GB 2473446 A 20110316 - UNIV BRUNEL [GB]
• [A] DE 102008033420 A1 20100121

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