

Title (en)
VERTICAL MILL, ESPECIALLY A ROLLER MILL FOR CRUSHING COAL

Publication
EP 0166139 B1 19880810 (DE)

Application
EP 85105688 A 19850509

Priority
DE 3423412 A 19840625

Abstract (en)
[origin: EP0166139A2] 1. A vertical mill, in particular a roller mill for crushing coal, with two crushing rings or bowls arranged one above the other, one of which is non-rotational and the other one of which can be rotated by a motor, with crushing rollers or balls running between the crushing rings so as to comminute the material being crushed and with a nozzle ring which is arranged around the lower crushing ring (2) and through which a gas can be blown from below into the region of the crushing rollers, the nozzle ring comprising a plurality of peripherally spaced nozzle segments (4), in which the nozzle ducts are bounded on three sides by parts of the nozzle segments (6, 17) and are open towards the lower crushing ring (2), characterised in that the nozzle segments (4), which are displaceable in the radial direction, can be secured to a support ring (3) at different spacings from the lower crushing ring (2), and in that it has protective segments (5) to cover the securing means (9 to 12) for the nozzle segments (4), which are of the same length as the nozzle segments (4) in the peripheral direction.

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B02C 15/12

IPC 8 full level
B02C 15/00 (2006.01); **B02C 15/12** (2006.01)

CPC (source: EP)
B02C 15/001 (2013.01)

Cited by
CN105579143A; CN105498910A; EP0988895A3; EP0264103A3; FR2605247A1; US9399222B2; WO2014197228A3

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