Title (en)
   MATERIAL REDUCING DEVICE

Title (de)
   MATERIALREDUZIERUNGSVORRICHTUNG

Title (fr)
   DISPOSITIF DE RÉDUCTION DE MATIÈRE

Publication
   EP 2976157 B1 20180919 (EN)

Application
   EP 14770671 A 20140317

Priority
   • US 201361802968 P 20130318
   • US 2014030548 W 20140317

Abstract (en)
   [origin: WO2014153288A2] A material reducing machine includes a rotor assembly having a plurality of short cutting tools and a plurality of long
   cutting tools. The short cutting tools are arranged in rows which extend across the length of the rotor assembly, which rows are spaced around the
   periphery of the rotor assembly. Each of the short cutting tools has a cutting bit with a leading edge that is spaced outwardly from the periphery of
   the rotor assembly by a short cutter distance. The long cutting tools are also arranged in rows which extend across the length of the rotor assembly,
   which rows are spaced around the periphery of the rotor assembly. Each of the long cutting tools has a cutting bit with a leading edge that is spaced
   outwardly from the periphery of the rotor assembly by a long cutter distance that is greater than the short cutter distance of each of the short cutting
   tools. A breaker assembly includes a plurality of shear blocks, each of which is spaced so as to be aligned with a short cutting tool.

IPC 8 full level
   B02C 18/18 (2006.01); **B02C 18/14** (2006.01)

CPC (source: EP)
   B02C 18/145 (2013.01); **B02C 18/18** (2013.01); B02C 2018/188 (2013.01)

Citation (examination)
   US 2008283643 A1 20081120 - TANAKA MASAMICHI [JP], et al

Designated contracting state (EPC)
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DOCDB simple family (publication)
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   EP 2976157 A4 20170301; EP 2976157 B1 20180919; ES 2702297 T3 20190228

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