

Title (en)  
GRINDING WHEEL FOR SHAPING FLAT GLASS

Title (de)  
FORMSCHLEIFSCHEIBE FÜR FLACHGLAS

Title (fr)  
MEULE DE FACONNAGE POUR VERRE PLAT

Publication  
**EP 2753455 B1 20161026 (FR)**

Application  
**EP 12756776 A 20120814**

Priority  
• FR 1158029 A 20110909  
• FR 2012051895 W 20120814

Abstract (en)  
[origin: WO2013034828A1] The invention relates to a novel mold for forming glass, in particular glass having a thickness of less than or equal to 4 mm, said mold including at least one abrasive portion consisting of at least one metal binder and diamonds distributed within the binder, said binder having a hardness of between 95 and 105 on the Rockwell B scale and containing tungsten, and the diamonds having a size of between 75 and 95 µm and a concentration of between 2.2 ct/cm<sup>3</sup> and 2.64 ct/cm<sup>3</sup>. The invention also relates to a method for forming glass, in particular for forming glass panels for automobiles, which uses said mold and enables feed rates of no lower than 30 m/min to be attained.

IPC 8 full level  
**B24D 3/06** (2006.01); **B24B 9/10** (2006.01); **B24D 5/00** (2006.01); **B24D 9/10** (2006.01)

CPC (source: EP US)  
**B24B 9/10** (2013.01 - EP US); **B24D 3/06** (2013.01 - EP US); **B24D 5/00** (2013.01 - EP US); **B24D 9/10** (2013.01 - EP US); **C22C 26/00** (2013.01 - US); **Y10T 428/24355** (2015.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2013034828 A1 20130314**; AR 087805 A1 20140416; BR 112014003098 A2 20170221; BR 112014003098 B1 20200929; CA 2843849 A1 20130314; CA 2843849 C 20190813; CN 103764347 A 20140430; CN 103764347 B 20170517; EA 029240 B1 20180228; EA 201490591 A1 20140630; EP 2753455 A1 20140716; EP 2753455 B1 20161026; ES 2611906 T3 20170511; FR 2979845 A1 20130315; FR 2979845 B1 20150213; JP 2014531329 A 20141127; JP 6046722 B2 20161221; KR 102029507 B1 20191007; KR 20140072039 A 20140612; MX 2014002720 A 20140501; MX 351559 B 20171019; PL 2753455 T3 20170630; PT 2753455 T 20170120; US 2015283673 A1 20151008; US 9649747 B2 20170516

DOCDB simple family (application)  
**FR 2012051895 W 20120814**; AR P120103301 A 20120907; BR 112014003098 A 20120814; CA 2843849 A 20120814; CN 201280043646 A 20120814; EA 201490591 A 20120814; EP 12756776 A 20120814; ES 12756776 T 20120814; FR 1158029 A 20110909; JP 2014529047 A 20120814; KR 20147005946 A 20120814; MX 2014002720 A 20120814; PL 12756776 T 20120814; PT 12756776 T 20120814; US 201214343609 A 20120814