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مخترع و صاحب پتنت:
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1. WO2024052803 - MOBILE RUBBER SPEED BUMP AND SPEED HUMP BY CUTTING OF WORN-OUT TIRES

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Abstract

(EN) Mobile Rubber Speed bump and speed hump by Cutting of Worn-out Tires. The technical field of the invention is road and transportation engineering, and road safety. The technical issue with previous movable speed bumps has been the complexity of their mechanism, which naturally leads to various malfunctions, in addition to their exorbitant construction costs that have prevented them from reaching practical implementation. The next problem is environmental pollution, where for each individual, the disposal of one worn-out tire results in the addition of eight billion tires annually to the environment. The innovative solution involves the cold cutting of worn-out tires, in a way that one or two of their vertical sides are placed perpendicular to the road and attached to the road surface. The application of this invention is suitable for delineating road margins, especially in curves of two-way roads, and forming intermittent center lines on streets.

(FR) Dos d'âne mobile en caoutchouc et dos d'âne par découpe de pneus usés. Le domaine technique de l'invention est l'ingénierie de la route et du transport, et la sécurité routière. Le problème technique avec les dos d'âne mobiles précédents résidait dans la complexité de leur mécanisme, qui entraîne naturellement divers dysfonctionnements, en plus de leurs coûts de construction exorbitants qui les ont empêchés d'atteindre une mise en œuvre pratique. Le problème suivant est la pollution environnementale, où pour chaque individu, l'élimination d'un pneu usé conduit à l'ajout de huit milliards de pneus par an dans l'environnement. La solution innovante consiste à découper à froid des pneus usés, de telle sorte qu'un ou deux de leurs côtés verticaux sont placés perpendiculairement à la route et fixés à la surface de la route. L'application de la présente invention est appropriée pour délimiter des marges de route, en particulier dans des virages de routes à deux voies, et pour former des lignes centrales intermittentes dans des rues.

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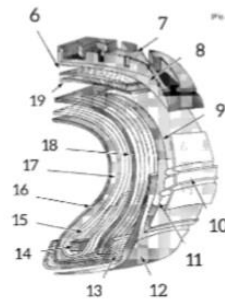


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(57) Abstract: Mobile Rubber Speed bump and speed hump by Cutting of Worn-out Tires. The technical field of the invention is road and transportation engineering, and road safety. The technical issue with previous movable speed bumps has been the complexity of their mechanism, which naturally leads to various malfunctions, in addition to their exorbitant construction costs that have prevented them from reaching practical implementation. The next problem is environmental pollution, where for each individual, the disposal of one worn-out tire results in the addition of eight billion tires annually to the environment. The innovative solution involves the cold cutting of worn-out tires, in a way that one or two of their vertical sides are placed perpendicular to the road and attached to the road surface. The application of this invention is suitable for delineating road margins, especially in curves of two-way roads, and forming intermittent center lines on streets.

INTERNATIONAL SEARCH REPORT

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According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) E01F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic databases consulted during the international search (name of database and, where practicable, search terms used) PatSeer, IPO Internal Database Keywords: tire, speed bump, cutting, hydraulic scissor		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US2004123407A1 (SOLON Joseph J) 01 JULY 2004 (01.07.2004) Abstract; Description Paragraph 0017; Description, Paragraph 0019; Claim 1	1-6
A	US2003194271A1 (SOLON Joseph) 16 OCTOBER 2003 (16.10.2003) Abstract; Whole Description; Claims 1-13	1-6
A	KR200378973Y1 (BOK Lee Kwang) 16 MARCH 2005 (16.03.2005) Abstract; Whole Description; Claims 1-5	1-6
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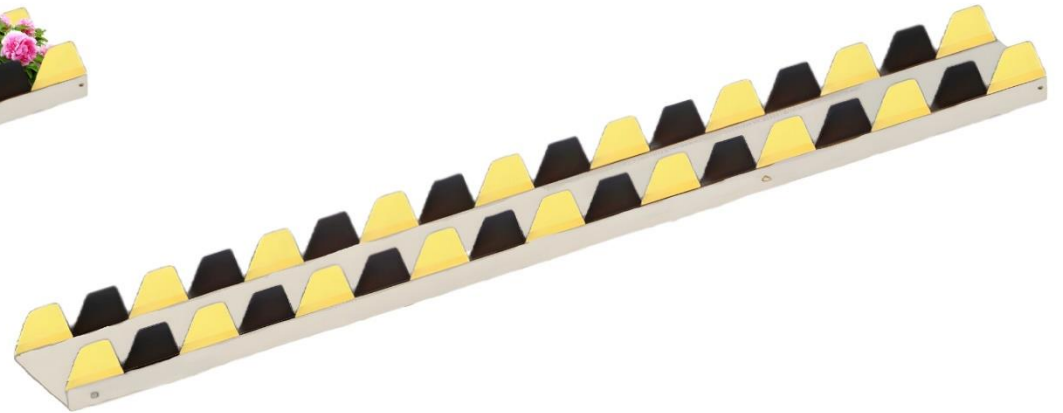
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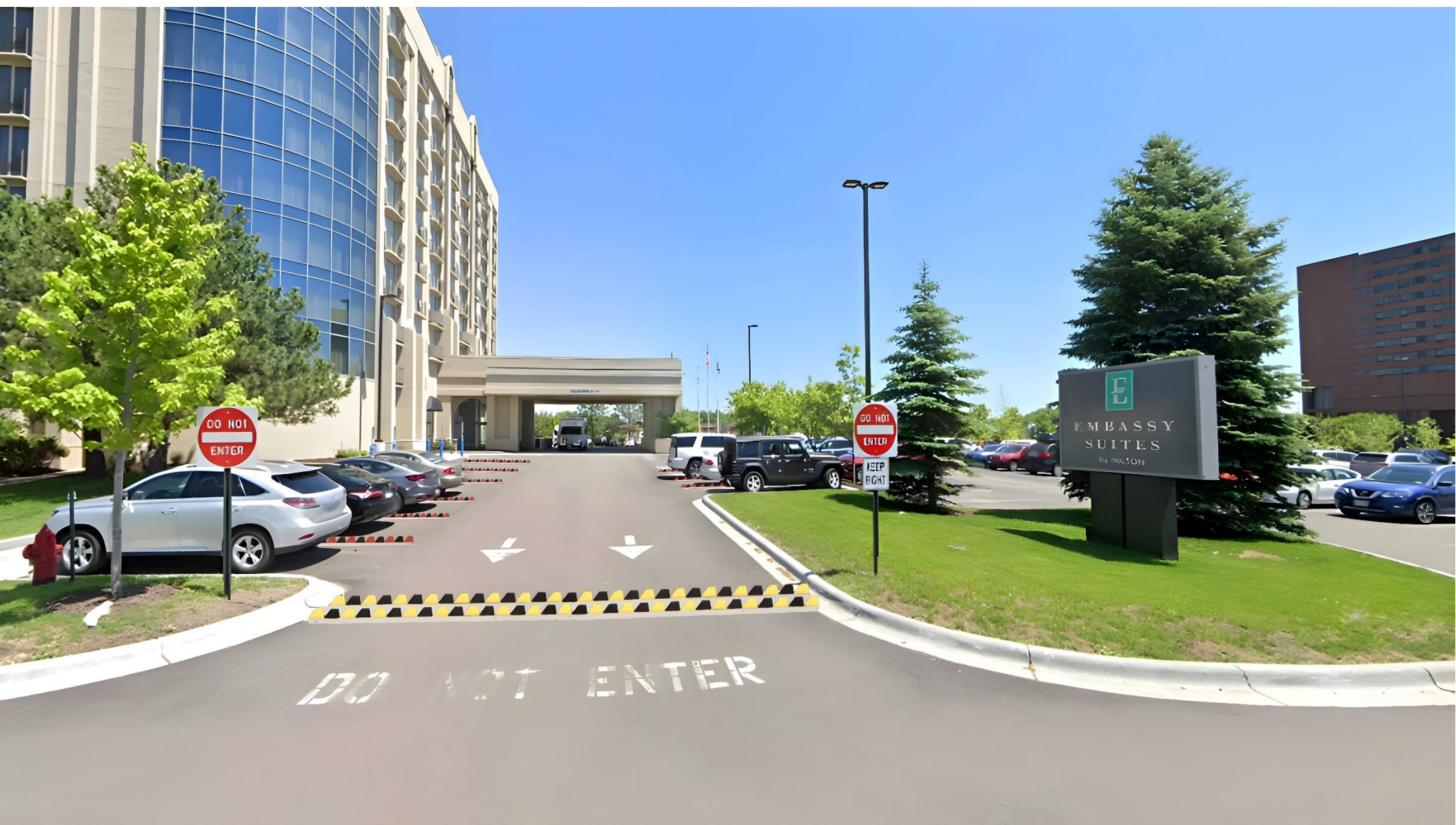
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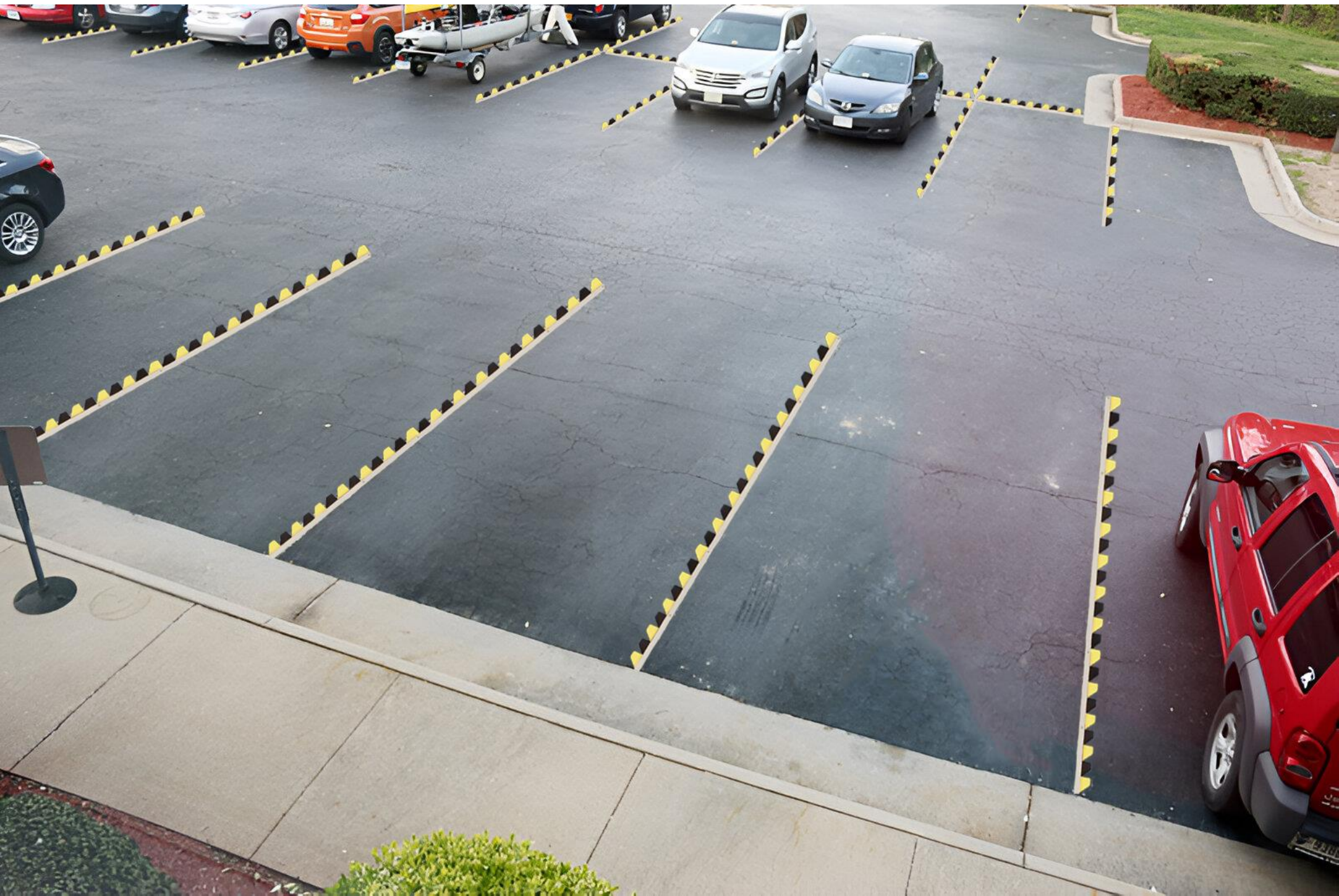


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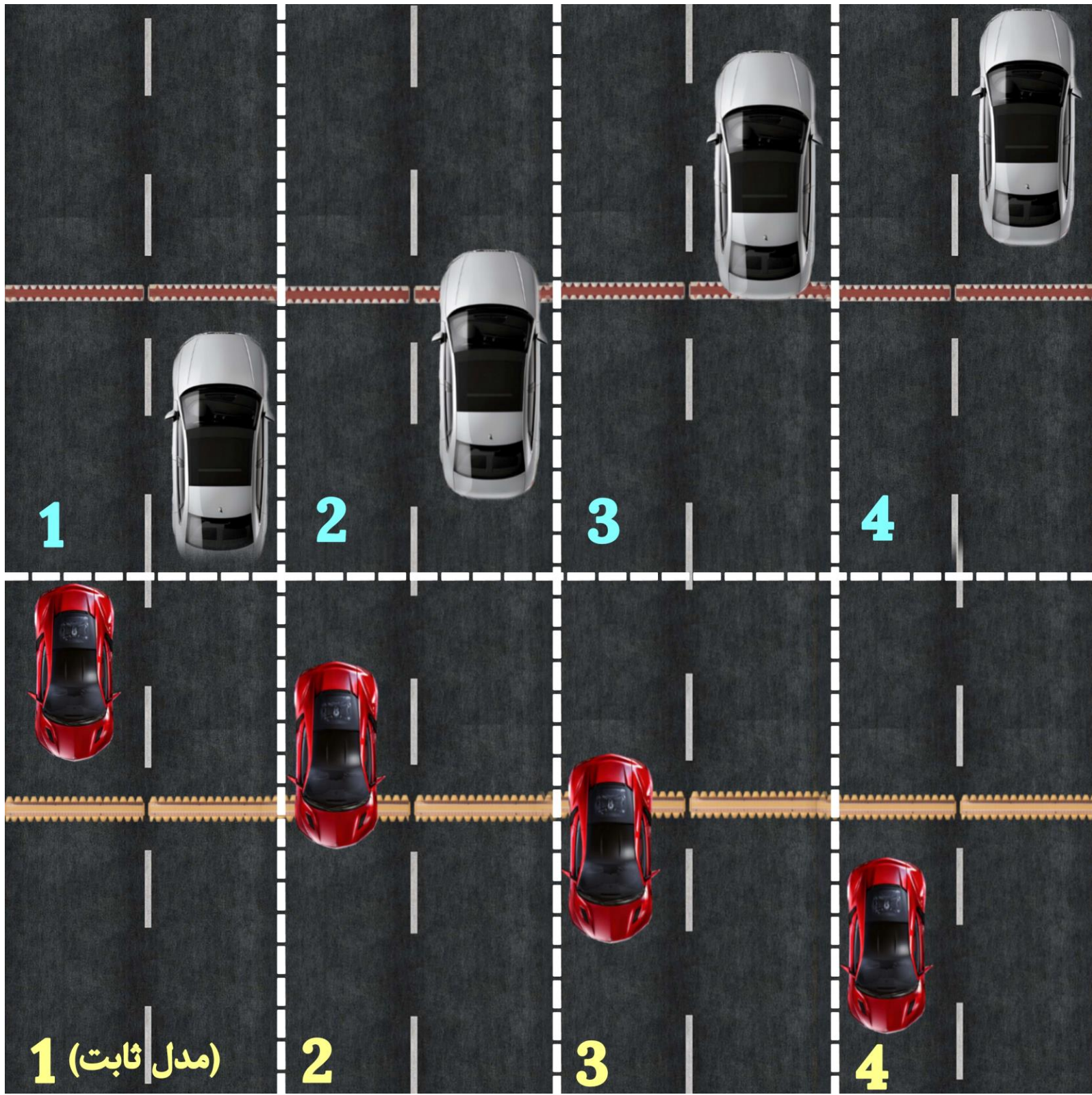












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1 (مدل ثابت)

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